

## STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT SECRETARY

April 19, 2005

RE: Invitation to Bid

To Whom It May Concern:

We find it necessary to update the list of businesses receiving our Invitation to Bid. If you wish to remain on the list of businesses receiving the Invitation to Bid, please complete and return the enclosed data sheet.

Please note that there will be a renewal charge of \$25.00 per year, plus applicable sales tax for the Invitation to Bid for the fiscal year of July 2005 through June 2006. Your check should be made payable to the "North Carolina Department of Transportation," and should be returned with your data sheet. If your mailing address is in North Carolina, your check should be in the amount of \$26.76 to include North Carolina Sales Tax.

Also, the Invitation to Bid is on the Internet at <a href="www.ncdot.org/business/">www.ncdot.org/business/</a>. Click on <a href="Project Letting">Project Letting</a>, and then <a href="Invitation to Bid">Invitation to Bid</a>, for the month you are interested in.

Please complete and return the data sheet to the following address:

North Carolina Department of Transportation 1591 Mail Service Center Raleigh, North Carolina 27699-1591 Attention: Project Services Unit Betty Rawls

Sincerely,

R. A. Garris, P. E. Contract Officer

(Over)

WEBSITE: WWW.DOH.DOT.STATE.NC.US

LOCATION:

### North Carolina Department of Transportation

#### INFORMATION DATA SHEET FOR INVITATION TO BID LIST



# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT SECRETARY

April 19, 2005

**RE:** Bid Tabulations

To Whom It May Concern:

We find it necessary to update the list of businesses receiving our Bid Tabulations. If you wish to remain on the list of businesses receiving the Bid Tabulations, please complete and return the enclosed data sheet.

Please note that there will be a renewal charge of \$110.00 per year, plus applicable sales tax for the Bid Tabulations for the fiscal year of July 2005 through June 2006. Your check should be made payable to the "North Carolina Department of Transportation," and should be returned with your data sheet. If your mailing address is in North Carolina, your check should be in the amount of \$117.70 to include North Carolina Sales Tax.

Also, the Bid Tabulations are on the Internet at <a href="www.ncdot.org/business/">www.ncdot.org/business/</a>. Click on <a href="Project Letting">Project Letting</a>, and then <a href="Bidtabs Sheet">Bidtabs Sheet</a>, for the month you are interested in.

Please complete and return the data sheet to the following address:

North Carolina Department of Transportation 1591 Mail Service Center Raleigh, North Carolina 27699-1591

Attention: Project Services Unit

**Betty Rawls** 

Sincerely

R. A. Garris, P. E. Contract Officer

(Over)

RAG/blr

### North Carolina Department of Transportation

#### INFORMATION DATA SHEET FOR BID TABULATIONS

Note: Due to certain limitations of our word processing center, please limit your

information to 40 spaces per line. Use the mailing address of the office that you want the Bid Tabulations to be mailed to. The cost of each subscription is \$110.00, plus applicable sales tax.

1. Firm Name:

2. Mailing Address:

3. City:

State:

Zip:

4. Attention:

Area Code



### STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT

SECRETARY

January 18, 2005

**MEMORANDUM TO:** 

All Prequalified Contractors

FROM:

R. A. Garris, P.E. Contract Officer

RE:

**OCR** Assistance meeting Contract Goals

The North Carolina Department of Transportation implements a Disadvantaged Business Enterprise Program in accordance with U.S. Department of Transportation requirements, and a Minority/Women Business Enterprise Program in accordance with state law. These programs assist disadvantaged, minority, and women-owned business enterprises (D/M/WBE) gain contracting opportunities with NCDOT.

NCDOT's Office of Civil Rights and Business Development (OCR) is charged with administering both the DBE and M/WBE Program, and with assisting NCDOT achieve annual goals for firms certified into the programs. D/M/WBE participation goals are met by the establishment of contract goals on projects let by the Department. Contractors bidding on NCDOT projects are expected to make every reasonable effort in good faith to reach the goals set on each project.

The Office of Civil Rights and Business Development is ready and willing to assist any contractor needing assistance securing D/M/WBE firms to participate as subcontractors on NCDOT projects. Three (3) Business Development Specialists are assigned to assist prime contractors and potential subcontractors connect to achieve contract goals. Contractors are encouraged to contact the Business Development Specialists as part of their good-faith effort to reach the contract goals and to discover potential partners for other projects across the state.

Bennington Corporation formerly provided consulting services to the Office of Civil Rights and assisted with D/M/WBE outreach. This agreement is no longer in affect, therefore, contractors should contact OCR directly for assistance with locating firms to bid as subcontractors. OCR's Business Development Specialists and their respective division responsibilities are listed below:

Specialist Name	Phone Number	Email Address	NCDOT Division
Thomas Burt	(919) 807-0851	Tburt@dot.state.nc.us	1, 2, 3, 4, 6
Lorenzo Jackson	(919) 807-0845	Lzjackson@dot.state.nc.us	5, 7, 11, 13, 14
Nathaniel Sanders, Jr.	(919) 807-0846	Nsanders@dot.state.nc.us	8, 9, 10, 12

If you have any questions about our programs or are not certain which Business Development Specialist to work with, contact Shelton A. Russell at (919) 807-0852 or email sarussell@dot.state.nc.us.



# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT SECRETARY

March 22, 2005

**MEMORANDUM TO:** 

**Prospective Bidders** 

FROM:

R. A. Garris, P.E.

Contract Officer

SUBJECT:

Erosion and Sediment Control/ Stormwater Certification Training

As you are aware, the Department is pursuing Erosion and Sediment Control/ Stormwater Certification for DOT, CEI, and Contractor's personnel. The purpose of this memo is to outline the goals for the Department and identify Contractor and CEI personnel impacted. North Carolina State University's Department of Biological and Agricultural Engineering will administer the certification program. The certification includes classroom instruction and satisfactory completion of an examination. Candidates may waive the classroom instruction and attend the examination only.

Three (3) levels of certification are planned:

- Level I will target Installers/Inspectors involved with the installation and inspection of temporary and permanent erosion and sediment control/stormwater bid items. Candidates are: contractor's/subcontractor's foreman on an Erosion Control Installation Crew or Seeding and Mulching Crew; and CEI TT's inspecting erosion control/stormwater bid items. Level I certification training classes will begin in 2006 with a goal of having Level I personnel on projects that have erosion control plans beginning in 2007. No action may be taken on Level I training until early 2006.
- Level II will target CEI TT's serving as the chief or lead inspector on a project. Also, Level II will target contractor's/subcontractor's site manager for: grading operations; bridge/culvert operations over rivers/streams; and utility operations involving earth disturbance. One Level II site manager for each crew. Level II certification training classes will be held in March 2005 and again in late 2005 with a goal of having certified contractors/subcontractors and CEI TT's on projects that have erosion control plans beginning in 2006. Early registration encouraged.

WERSITE: WWW DOH DOT STATE NO US

Prospective Bidders March 22, 2005 Page 2

• Level III will target contractor's, CEI's, and PEF's who prepare or oversee the preparation of erosion and sediment control and stormwater pollution prevention plans and reclamation plans. The implementation date for Level III has not yet been determined.

To obtain detailed information regarding the certification program, review locations for Level II classes or registration, please visit the certification website at: <a href="https://www.bae.ncsu.edu/workshops/dot/index.html">www.bae.ncsu.edu/workshops/dot/index.html</a>

Those wishing to sponsor a certification training class and examination with 50 or more candidates can contact NCSU at the above website.

Questions not addressed on the website may be directed to Ted Sherrod of the Roadside Environmental Unit at <a href="mailto:tsherrod@dot.state.nc.us">tsherrod@dot.state.nc.us</a> or by phone at (919) 733-2920.

**TMS** 

#### STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATON INVITATION TO BID

ELECTRONIC BIDS FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE PROJECT SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT 2:00 PM ON MAY 17, 2005. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2:00 PM.

BIDS SHALL BE SUBMITTED IN ACCORDANCE WITH THE SPECIAL PROVISION TITLED "ON-LINE ELECTRONIC BIDDING" CONTAINED IN EACH PROPOSAL FORM.

1. AN ORIGINAL PROPERLY EXECUTED NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION SHALL BE ON FILE IN THE CONTRACT OFFICE FROM EACH PROSPECTIVE BIDDER PRIOR TO SUBMITTING AN ELECTRONIC BID. FORMS ARE AVAILABLE AT

http://www.doh.dot.state.nc.us/preconstruct/highway/dsn srvc/contracts/letting.htm

- 2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.
- 3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE http://www.doh.dot.state.nc.us/preconstruct/highway/dsn srvc/contracts/letting.htm

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

**CONTRACTOR'S LICENSE:** A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

STATE PRIVILEGE LICENSE TAXES: CONTRACTORS WHO BID UPON AND/OR ARE AWARDED NORTH CAROLINA HIGHWAY CONSTRUCTION PROJECTS ARE SUBJECT TO CONTRACTOR BIDDERS AND/OR CONTRACTOR PROJECT PRIVILEGE LICENSE TAXES UNDER G.S. 105-54 OF THE STATE REVENUE LAWS. FOR INFORMATION, WRITE TO THE NORTH CAROLINA DEPARTMENT OF REVENUE, LICENSE AND EXCISE TAX DIVISION, P.O. BOX 25000, RALEIGH, NC 27640, OR CALL 919-733-3673.

PREQUALIFYING TO BID: ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE MANAGER OF CONSTRUCTION, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1543 MAIL SERVICE CENTER, RALEIGH, N. C., 27699-1543. ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE MANAGER OF CONSTRUCTION AT LEAST TWO WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDDERS THAT IT WILL AFFIRMATIVELY INSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT \$25.00 EACH, PLANS (SMALL SIZE) AT \$40.00 PER SET, PLANS (LARGE SIZE) AT \$100.00 PER SET, AND CROSS-SECTIONS AT \$40.00 PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-250-4124), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, PROJECT SERVICES UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 7% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

TODAY'S DATE IS APRIL 19, 2005.

BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)

(Revised on 09Jul2004)

#### REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

DIV NO.	DIVISION ENGINEER	<b>LOCATION</b>	<b>TOWN</b>	<b>TELEPHONE</b>
00001	Anthony W Roper, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-7977
00002	Cornelius E Lassiter, Jr., PE	PO BOX 1587	GREENVILLE	(252) 830-3490
00003	H. Allen Pope, PE	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	Jim H Trogdon, PE	PO BOX 3165	WILSON	(252) 237-6164
00005	Jonathan G Nance, PE	2612 NORTH DUKE STREET	DURHAM	(919) 560-6851
00006	Terry R Gibson, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 334-3192
80000	Tim Johnson, PE	PO BOX 1067	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 703-6500
00010	Benton G Payne, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 982-0101
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 667-9111
00012	Michael L Holder, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILE	(828) 251-6171
00014	Joel B Setzer, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

#### SUMMARY OF PROPOSALS ======

Bid 1	Letting Numb	ber L050517			
RPN	Contract Id	WBS	County	Length	JobType
001	C200858	33065.3.2	CURRITUCK	0.171 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
* 002	C201458	36828.1.1	BERTIE	1.111 MI	DECK REHABILITATION.
003	C201200	33312.3.1	GREENE, LENOIR	0.199 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
004	C201440	38245.3.1	PITT	0.468 MI	GRADING, DRAINAGE & PAVING.
005	C201457	34452.3.7	PAMLICO	8.142 KM	GRADING, DRAINAGE, PAVING, CURB & GUTTER AND CULVERTS.
006	C201465	33224.3.2 ETC.	ONSLOW	2.215 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
**007	C201226	34459.3.4	JOHNSTON, WAKE	7.188 KM	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.
**008	C201209	34459.3.5	JOHNSTON	10.055 KM	GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS & STRUCTURES.
009	C201466	34459.3.4 ETC.	JOHNSTON, WAKE	17.243 KM	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.
010	C201324	33240.3.1	STANLY	0.163 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
011	C200891	33253.3.1	WILKES	0.327 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
012	C201199	32751.3.2	ASHE	0.298 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
013	C201258	33249.3.1	WATAUGA	0.071 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
014	C201223	33280.3.2	CLEVELAND	0.134 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.

<sup>\*</sup> THERE WILL BE A MANDITORY PRE-BID CONFERENCE ON MAY 4TH AT 10:00AM AT TIDEWATER RESEARCH STATION, 207 RESEARCH STATION RD, PLYMOUTH, NC (252-793-4118 OR 4428)

<sup>\*\*</sup> FOR THESE PROJECTS, THE PRICING IS: SM RDWY & STR PLANS - \$60.00, X-SECTIONS \$60.00, LRG RWY & STR PLANS \$200.00

Page: 1 of 33 L050517 001

#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C200858 33065.3.2 DIV OFFICE EDENTON LENGTH = 0.171 MI

COUNTY : CURRITUCK

GRADING, DRAINAGE, PAVING & STRUCTURE.

#### DBE GOAL 4.0% COMPLETION DATE: OCT 01 2006

#### BRIDGE #7 OVER A CREEK AND APPROACHES ON NC-615.

		ROADWAY ITEMS	155	TON	STONE FOR EROSION CONTROL, CLASS B
			300	TON	SEDIMENT CONTROL STONE
Lump Sum	LS	MOBILIZATION	0.5	ACR	TEMPORARY MULCHING
Lump Sum	LS	CONSTRUCTION SURVEYING	50	LB	SEED FOR TEMPORARY SEEDING
Lump Sum	LS	CLEARING & GRUBBING ACRE(S)	0.25	TON	FERTILIZER FOR TEMPORARY SEED-
1	ACR	SUPPLEMENTARY CLEARING & GRUB-			ING
	ricit	BING	300	LF	SAFETY FENCE
500	CY	UNCLASSIFIED EXCAVATION	370	CY	SILT EXCAVATION
7,100	CY	UNDERCUT EXCAVATION	525	SY	MATTING FOR EROSION CONTROL
15,600	CY	BORROW EXCAVATION	835	LF	1/4" HARDWARE CLOTH
	SY		107	SY	FLOATING TURBIDITY CURTAIN
1,100	51	REMOVAL OF EXISTING ASPHALT PAVEMENT	0.5	ACR	SEEDING & MULCHING
1,500	CY	SELECT GRANULAR MATERIAL	0.5	ACR	MOWING
1,300	SY	FABRIC FOR SOIL STABILIZATION	50	LB	SEED FOR REPAIR SEEDING
2,540	SF	TEMPORARY SHORING - BARRIER	0.25	TON	FERTILIZER FOR REPAIR SEEDING
2,540	51	SUPPORTED	50	LB	SEED FOR SUPPLEMENTAL SEEDING
750	SY	GENERIC GRADING ITEM	1	TON	FERTILIZER TOPDRESSING
		ROCK PLATING	2	HR	SPECIALIZED HAND MOWING
112	LF	15" RC PIPE CULVERTS, CLASS	8	EA	RESPONSE FOR EROSION CONTROL
		III	1,300	LF	SIGNAL CABLE
320	LF	**" CAA PIPE CULVERTS, *****"	4	EA	VEHICLE SIGNAL HEAD (12", 3
		THICK			SECTION)
		(36", 0.075")	70	LF	MESSENGER CABLE (1/4")
80	LF	PIPE REMOVAL	1,180	LF	MESSENGER CABLE (3/8")
Lump Sum	LS	FINE GRADING	80	LF	TRENCHING (UNPAVED)
260	TON	AGGREGATE BASE COURSE	2	EA	JUNCTION BOX (STANDARD SIZE)
600	TON	ASPHALT CONC BASE COURSE, TYPE	8	EA	WOOD POLE
520	TON	B25.0B	4	EA	GUY ASSEMBLY
520	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	1	EA	1" RISER WITH WEATHERHEAD
60	TON	ASPHALT BINDER FOR PLANT MIX,	4	EA	2" RISER WITH WEATHERHEAD
00	1011	GRADE PG 64-22	400	LF	INDUCTIVE LOOP SAWCUT
30	TON	ASPHALT PLANT MIX, PAVEMENT	1,320	LF	LEAD-IN CABLE
		REPAIR	2	EA	SIGN FOR SIGNALS
4	EA	MASONRY DRAINAGE STRUCTURES	1	EA	CONTROLLER WITH CABINET (TYPE
4	EA	FRAME WITH TWO GRATES, STD	1	Lil	2070L, POLE MOUNTED)
		840.29	1	EA	DETECTOR CARD (TYPE 2070L)
290	LF	SHOULDER BERM GUTTER			
625	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE			STRUCTURE ITEMS
4	EA	III GUARDRAIL ANCHOR UNITS, TYPE			
_		350	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
5	TON	PLAIN RIP RAP, CLASS B			AT STATION ************************************
160	SY	FILTER FABRIC FOR DRAINAGE			
148			2	EA	
	SF	WORK ZONE SIGNS (STATIONARY)	3	EA	DYNAMIC LOAD TEST
365	SF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE)	3 Lump Sum	EA LS	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA-
365 70		WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE			DYNAMIC LOAD TEST
70	SF SF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED)			DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (24+18.00-L-)
70 4	SF SF EA	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS	Lump Sum	LS	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (24+18.00-L-) CLASS AA CONCRETE (BRIDGE)
70 4 50	SF SF EA EA	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS	Lump Sum	LS CY	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (24+18.00-L-)
70 4 50 30	SF SF EA EA	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES	Lump Sum 107.1 Lump Sum	LS CY LS	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************* (24+18.00-L-)
70 4 50 30 80	SF SF EA EA LF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III)	Lump Sum	LS CY	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************* (24+18.00-L-) EPOXY COATED REINFORCING STEEL
70 4 50 30 80 16	SF SF EA EA LF MD	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER	Lump Sum  107.1  Lump Sum  17,392	LS CY LS	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************* (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE)
70 4 50 30 80 16 4	SF SF EA EA EA LF MD EA	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS	Lump Sum  107.1  Lump Sum  17,392  1,585	LS CY LS LB LF	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ****************** (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES
70 4 50 30 80 16 4	SF SF EA EA EA LF MD EA EA	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530	LS CY LS LB LF LF	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********* (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ****************** (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES
70 4 50 30 80 16 4	SF SF EA EA EA LF MD EA	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA-	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530 18	LS CY LS LB LF LF EA	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********* (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION **************** (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES STEEL PILE TIPS
70 4 50 30 80 16 4 4 2	SF SF EA EA LF MD EA EA	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530 18 339.33	LS  CY LS  LB  LF LF EA LF	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********* (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************* (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES STEEL PILE TIPS TWO BAR METAL RAIL
70 4 50 30 80 16 4 4 2	SF SF EA EA LF MD EA EA EA	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA- TOOK (60 MPH) PORTABLE CONCRETE BARRIER	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530 18	LS CY LS LB LF LF EA	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********* (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************* (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES 54" PRESTRESSED CONC PILES TWO BAR METAL RAIL 1'-**"X ******" CONCRETE PARA-
70 4 50 30 80 16 4 4 2	SF SF EA EA LF MD EA EA	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530 18 339.33	LS  CY LS  LB  LF LF EA LF	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********* (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ****************************** (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES STEEL PILE TIPS TWO BAR METAL RAIL 1'-**"X ******" CONCRETE PARA- PET
70 4 50 30 80 16 4 4 2	SF SF EA EA LF MD EA EA EA	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH) PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BAR-	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530 18 339.33	LS  CY LS  LB  LF LF EA LF	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********* (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************* (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES 54" PRESTRESSED CONC PILES TWO BAR METAL RAIL 1'-**"X ******" CONCRETE PARA-
70 4 50 30 80 16 4 4 2 1,580 1,140	SF SF EA EA LF MD EA EA EA	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH) PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BAR- RIER	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530 18 339.33 355.22	LS  CY LS  LB  LF LF EA LF LF	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********* (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ****************************** (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES STEEL PILE TIPS TWO BAR METAL RAIL 1'-**"X ******* CONCRETE PARA- PET (1'-2" X 2'-8 1/2")
70 4 50 30 80 16 4 4 2 1,580 1,140	SF SF EA EA LF MD EA EA EA	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH) PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BARRIER THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530 18 339.33 355.22	LS  CY LS  LB  LF LF EA LF LF	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********* (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************* EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES STEEL PILE TIPS TWO BAR METAL RAIL 1-**"X *****" CONCRETE PARA- PET (1'-2" X 2'-8 1/2") PLAIN RIP RAP CLASS II (2'-0"
70 4 50 30 80 16 4 4 2 1,580 1,140 2,896	SF SF EA EA LF MD EA EA EA LF LF LF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH) PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BAR- RIER THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530  18 339.33 355.22	LS  CY LS  LB  LF LF EA LF LF TON	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********* (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************* (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES TWO BAR METAL RAIL 1'-**"X *****" CONCRETE PARA- PET (1'-2" X 2'-8 1/2") PLAIN RIP RAP CLASS II (2'-0" THICK)
70 4 50 30 80 16 4 4 2 1,580 1,140 2,896	SF SF EA EA LF MD EA EA EA LF LF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH) PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BARRIER THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) PAINT PAVEMENT MARKING LINES	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530 18 339.33 355.22  185	LS  CY LS  LB  LF LF EA LF LF TON SY	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********* (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************** (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES STEEL PILE TIPS TWO BAR METAL RAIL 1'-**"X *****" CONCRETE PARA- PET (1'-2" X 2'-8 1/2") PLAIN RIP RAP CLASS II (2'-0" THICK) FILTER FABRIC FOR DRAINAGE
70 4 50 30 80 16 4 4 2 1,580 1,140 2,896 10,850	SF SF EA EA EA LF MD EA EA EA LF LF LF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH) PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BARRIER THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) PAINT PAVEMENT MARKING LINES (4")	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530 18 339.33 355.22  185  Lump Sum	LS  CY LS  LB  LF LF EA LF LF TON  SY LS	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********* (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION **************** (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES STEEL PILE TIPS TWO BAR METAL RAIL 1'-**"X ******" CONCRETE PARA- PET (1'-2" X 2'-8 1/2") PLAIN RIP RAP CLASS II (2'-0" THICK) FILTER FABRIC FOR DRAINAGE ELASTOMERIC BEARINGS
70 4 50 30 80 16 4 4 2 1,580 1,140 2,896	SF SF EA EA LF MD EA EA EA LF LF LF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH) PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BARRIER THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) PAINT PAVEMENT MARKING LINES (4") PAINT PAVEMENT MARKING LINES (4")	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530 18 339.33 355.22  185  Lump Sum	LS  CY LS  LB  LF LF EA LF LF TON  SY LS	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********* (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************ (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES TWO BAR METAL RAIL 1'-**"X ******" CONCRETE PARA- PET (1'-2" X 2'-8 1/2") PLAIN RIP RAP CLASS II (2'-0" THICK) FILTER FABRIC FOR DRAINAGE ELASTOMERIC BEARINGS 3'-0" X 1'-9" RESTRESSED CONC CORED SLABS GENERIC STRUCTURE ITEM
70 4 50 30 80 16 4 4 2 1,580 1,140 2,896 10,850 37	SF SF EA EA LF MD EA EA EA LF LF LF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH) PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BAR- RIER THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) PAINT PAVEMENT MARKING LINES (4") PAINT PAVEMENT MARKING LINES (4") PAINT PAVEMENT MARKING LINES (24")	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530 18 339.33 355.22  185  Lump Sum 3,012.38  Lump Sum	LS  CY LS  LB  LF LF EA LF LF LF LF  TON  SY LS LF LS	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********* (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ***************** (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES STEEL PILE TIPS TWO BAR METAL RAIL 1'-**"X *****" CONCRETE PARA- PET (1'-2" X 2'-8 1/2") PLAIN RIP RAP CLASS II (2'-0" THICK) FILTER FABRIC FOR DRAINAGE ELASTOMERIC BEARINGS 3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS GENERIC STRUCTURE ITEM EPOXY SAND SURFACE
70 4 50 30 80 16 4 4 2 1,580 1,140 2,896 10,850	SF SF EA EA EA LF MD EA EA EA LF LF LF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH) PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BARRIER THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) PAINT PAVEMENT MARKING LINES (4") PAINT PAVEMENT MARKING LINES (4")	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530 18 339.33 355.22  185 Lump Sum 3,012.38	LS  CY LS  LB  LF LF EA LF LF LF  TON  SY LS LF	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********* (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************ (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES STEEL PILE TIPS TWO BAR METAL RAIL 1'-**"X ******" CONCRETE PARA- PET (1'-2" X 2'-8 1/2") PLAIN RIP RAP CLASS II (2'-0" THICK) FILTER FABRIC FOR DRAINAGE ELASTOMERIC BEARINGS 3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS GENERIC STRUCTURE ITEM EPOXY SAND SURFACE GENERIC STRUCTURE ITEM
70 4 50 30 80 16 4 4 2 1,580 1,140 2,896 10,850 37	SF SF EA EA LF MD EA EA EA LF LF LF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA- TOOK (60 MPH) PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BARRIER ITHERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) PAINT PAVEMENT MARKING LINES (4") PAINT PAVEMENT MARKING LINES (4") PAINT PAVEMENT MARKING LINES (4") REMOVAL OF PAVEMENT MARKING	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530 18 339.33 355.22  185  Lump Sum 3,012.38  Lump Sum Lump Sum	CY LS LB LF LF EA LF LF TON SY LS LF LS	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********* (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************ EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES 54" PRESTRESSED CONC PILES TWO BAR METAL RAIL 1-**"X ******" CONCRETE PARA- PET (1'-2" X 2'-8 1/2") PLAIN RIP RAP CLASS II (2'-0" THICK) FILTER FABRIC FOR DRAINAGE ELASTOMERIC BEARINGS 3-0" X 1'-9" PRESTRESSED CONC CORED SLABS GENERIC STRUCTURE ITEM EPOXY SAND SURFACE GENERIC STRUCTURE ITEM RAILING SYSTEM
70 4 50 30 80 16 4 4 2 1,580 1,140 2,896 10,850 37 400	SF SF EA EA EA LF MD EA EA EA LF LF LF LF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH) PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BARRIER THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) PAINT PAVEMENT MARKING LINES (4") PAINT PAVEMENT MARKING LINES (24") REMOVAL OF PAVEMENT MARKING LINES (24") REMOVAL OF PAVEMENT MARKING LINES (4")	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530 18 339.33 355.22  185  Lump Sum 3,012.38  Lump Sum	LS  CY LS  LB  LF LF EA LF LF LF LF  TON  SY LS LF LS	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********* (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************ (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES STEEL PILE TIPS TWO BAR METAL RAIL 1'-**"X ******" CONCRETE PARA- PET (1'-2" X 2'-8 1/2") PLAIN RIP RAP CLASS II (2'-0" THICK) FILTER FABRIC FOR DRAINAGE ELASTOMERIC BEARINGS 3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS GENERIC STRUCTURE ITEM EPOXY SAND SURFACE GENERIC STRUCTURE ITEM
70 4 50 30 80 16 4 4 2 1,580 1,140 2,896 10,850 37 400	SF SF EA EA EA LF MD EA EA EA LF LF LF LF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA- TOOR (60 MPH) PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BARRIER ITHERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) PAINT PAVEMENT MARKING LINES (4") PAINT PAVEMENT MARKING LINES (4") PERMANENT RAISED PAVEMENT MARKERS TEMPORARY SILT FENCE	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530 18 339.33 355.22  185  Lump Sum 3,012.38  Lump Sum Lump Sum	CY LS LB LF LF EA LF LF TON SY LS LF LS	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************ (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES TEEL PILE TIPS TWO BAR METAL RAIL 1'-**"X ******" CONCRETE PARA- PET (1'-2" X 2'-8 1/2") PLAIN RIP RAP CLASS II (2'-0" THICK) FILTER FABRIC FOR DRAINAGE ELASTOMERIC BEARINGS 3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS GENERIC STRUCTURE ITEM EPOXY SAND SURFACE GENERIC STRUCTURE ITEM RAILING SYSTEM GENERIC STRUCTURE ITEM GENERIC STRUCTURE ITEM
70 4 50 30 80 16 4 4 2 1,580 1,140 2,896 10,850 37 400 34	SF SF EA EA LF MD EA EA EA LF LF LF LF LF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED) WARNING FLAG SETS DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH) PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BAR- RIER THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) PAINT PAVEMENT MARKING LINES (4") PAINT PAVEMENT MARKING LINES (4") REMOVAL OF PAVEMENT MARKING LINES (4") REMOVAL OF PAVEMENT MARKING LINES (4") PERMANENT RAISED PAVEMENT MARKERS	Lump Sum  107.1 Lump Sum  17,392  1,585 1,530 18 339.33 355.22  185  Lump Sum 3,012.38  Lump Sum Lump Sum	CY LS LB LF LF EA LF LF TON SY LS LF LS	DYNAMIC LOAD TEST UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (24+18.00-L-) CLASS AA CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************ (24+18.00-L-) EPOXY COATED REINFORCING STEEL (BRIDGE) 16" PRESTRESSED CONC PILES 24" PRESTRESSED CONC PILES TEEL PILE TIPS TWO BAR METAL RAIL 1'-**"X ******" CONCRETE PARA- PET (1'-2" X 2'-8 1/2") PLAIN RIP RAP CLASS II (2'-0" THICK) FILTER FABRIC FOR DRAINAGE ELASTOMERIC BEARINGS 3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS GENERIC STRUCTURE ITEM EPOXY SAND SURFACE GENERIC STRUCTURE ITEM RAILING SYSTEM GENERIC STRUCTURE ITEM GENERIC STRUCTURE ITEM

Page: 2 of 33

L050517 002

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C201458 36828.1.1 DIV OFFICE EDENTON LENGTH = 1.111 MI

COUNTY : BERTIE

DECK REHABILITATION.

DBE GOAL 0.0% COMPLETION DATE: SEE SPECIAL PROVISIONS

BRIDGE OVER ROANOKE, MIDDLE AND CASHIE RIVER ON NC-45.

#### STRUCTURE ITEMS

Lump Sum LS MOBILIZATION (STRUCTURES)
Lump Sum LS GENERIC STRUCTURE ITEM
DECK REHABILITATION FOR BRIDG

DECK REHABILITATION FOR BRIDGE NO. 7 IN BERTIE COUNTY

1,500 DOL CONTRACT TIME

Page: 3 of 33

L050517 003

#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C201200 33312.3.1 DIV OFFICE GREENVILLE LENGTH = 0.199 MI

COUNTY : GREENE, LENOIR

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE: JUL 01 2006

#### BRIDGE OVER WHEAT SWAMP CREEK AND APPROACHES ON NC-58.

		ROADWAY ITEMS	545	LF	GENERIC UTILITY ITEM 4" HDPE WATER PIPE, BY DIRECTIONAL BORE
			1,175	LF	TEMPORARY SILT FENCE
Lump Sum	LS	MOBILIZATION	50	TON	STONE FOR EROSION CONTROL,
Lump Sum	LS	CONSTRUCTION SURVEYING			CLASS A
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	65	TON	STONE FOR EROSION CONTROL, CLASS B
		(19+21.50)	50	TON	SEDIMENT CONTROL STONE
Lump Sum	LS	GRADING	3.5	ACR	TEMPORARY MULCHING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-	150	LB	SEED FOR TEMPORARY SEEDING
		BING	0.5	TON	FERTILIZER FOR TEMPORARY SEED-
200	CY	UNDERCUT EXCAVATION			ING
200	SY	FABRIC FOR SOIL STABILIZATION	50	LF	TEMPORARY SLOPE DRAINS
11	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	2	EA	INLET PROTECTION AT TEMPORARY
48	LF	15" SIDE DRAIN PIPE	200		SLOPE DRAINS
48	LF	15" RC PIPE CULVERTS, CLASS	300	LF	SAFETY FENCE
		III	150	CY SY	SILT EXCAVATION
38	LF	PIPE REMOVAL	400	EA	MATTING FOR EROSION CONTROL SPECIAL STILLING BASINS
100	TON	INCIDENTAL STONE BASE	3.5	ACR	SEEDING & MULCHING
3,600	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	2	ACR	MOWING
3,300	TON	ASPHALT CONC INTERMEDIATE	50	LB	SEED FOR REPAIR SEEDING
3,300	1011	COURSE, TYPE 119.0B	0.25	TON	FERTILIZER FOR REPAIR SEEDING
4,700	TON	ASPHALT CONC SURFACE COURSE,	100	LB	SEED FOR SUPPLEMENTAL SEEDING
		TYPE S9.5B	2.5	TON	FERTILIZER TOPDRESSING
592	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	2	HR	SPECIALIZED HAND MOWING
110	TON	ASPHALT PLANT MIX, PAVEMENT	8	EA	RESPONSE FOR EROSION CONTROL
110	1011	REPAIR			
2	EA	MASONRY DRAINAGE STRUCTURES			
2	EA	FRAME WITH TWO GRATES, STD			STRUCTURE ITEMS
240		840.24			
240 48	LF SY	SHOULDER BERM GUTTER 6" CONCRETE DRIVEWAY			
612.5	LF	STEEL BM GUARDRAIL	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION *********
5	EA	ADDITIONAL GUARDRAIL POSTS			(19+21.50 -L-)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA-
		III			TION AT STATION *******
4	EA	GUARDRAIL ANCHOR UNITS, TYPE	4,736	SF	(19+21.50 -L-) GROOVING BRIDGE FLOORS
23	TON	350 PLAIN RIP RAP, CLASS B	36.4	CY	CLASS A CONCRETE (BRIDGE)
281	SY	FILTER FABRIC FOR DRAINAGE	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
93	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	•		*******
40	LF	SUPPORTS, WOOD	5.000		(19+21.50 -L-)
2	EA	SIGN ERECTION, TYPE D	5,980 900	LB LF	REINFORCING STEEL (BRIDGE)
3	EA	SIGN ERECTION, TYPE E	145.5	LF	12" PRESTRESSED CONC PILES CONCRETE BARRIER RAIL
1	EA	SIGN ERECTION, TYPE ***	181	TON	PLAIN RIP RAP CLASS II (2'-0"
		(GROUND MOUNTED) (B)	101	10.1	THICK)
2	EA	RELOCATE SIGN, TYPE *****	201	SY	FILTER FABRIC FOR DRAINAGE
		(E)	Lump Sum	LS	ELASTOMERIC BEARINGS
2	EA	DISPOSAL OF SUPPORT, WOOD	Lump Sum	LS	EVAZOTE JOINT SEALS
16	EA	DISPOSAL OF SIGN SYSTEM, WOOD	1,091.25	LF	3'-0" X 2'-3" PRESTRESSED CONC BOX BEAMS
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	3,043	SF	GENERIC STRUCTURE ITEM
80	LF	BARRICADES (TYPE III)			CONCRETE WEARING SURFACE
2,150	LF	THERMOPLASTIC PAVEMENT MARKING			
		LINES (4", 90 MILS)			
2,150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
8,600	LF	PAINT PAVEMENT MARKING LINES			
-,		(4")			
15	EA	PERMANENT RAISED PAVEMENT MARKERS			
30	TON	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ********			
30	TON	(VI) BEDDING MATERIAL, UTILITIES CLASS ************ (IV)			
564	LF	***" PVC WATER PIPE, SDR ***** (3", SDR21)			
250	LB	DUCTILE IRON WATER PIPE FIT- TINGS, 250# MIN WP			
2	FΔ	**" GATE VALVE & VALVE BOX			

Page: 4 of 33

L050517 004

#### STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C201440 38245.3.1 DIV OFFICE GREENVILLE LENGTH = 0.468 MI

**COUNTY** : PITT

GRADING, DRAINAGE & PAVING.

MBE GOAL 6.0% WBE 6.0% COMPLETION DATE: OCT 01 2006

#### SR-1323 (ARLINGTON BLVD) FROM SR-1202 (MACGREGOR DOWNS RD) TO NC-43.

#### ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum 200	LS CY	GRADING UNDERCUT EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
275	TON	FOUNDATION CONDITIONING MATE-
		RIAL, MINOR STRS
392	LF	15" RC PIPE CULVERTS, CLASS
1 214	LF	III 18" RC PIPE CULVERTS, CLASS
1,214	LI	III
188	LF	24" RC PIPE CULVERTS, CLASS
		III
364	LF	66" BIT COAT CS PIPE CULVERTS, TYPE B 0.138" THICK
378	LF	78" BIT COAT CS PIPE CULVERTS,
370		TYPE B 0.168" THICK
203	LF	PIPE REMOVAL
100	TON	INCIDENTAL STONE BASE
3,800	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
3,220	TON	ASPHALT CONC INTERMEDIATE
3,220	TON	COURSE, TYPE I19.0B
2,370	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B
458	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
28	EA	RIGHT OF WAY MARKERS
224	CY	SUBDRAIN EXCAVATION
168	CY	SUBDRAIN FINE AGGREGATE
1,000	LF	6" PERFORATED SUBDRAIN PIPE
30	EA	6" SUBDRAIN PIPE WYES, TEES, &
_		ELBOWS
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
12	LF	6" OUTLET PIPE (SUBDRAINS)
40	CY	REINFORCED ENDWALLS
20	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD
	т.	840.16
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
		(E)
10	EA	FRAME WITH GRATE & HOOD, STD
		840.03, TYPE ** (F)
4	EA	FRAME WITH GRATE & HOOD, STD
· ·		840.03, TYPE **
		(G)
1	EA	FRAME WITH COVER, STD 840.54
2 2	EA EA	CONCRETE APRON FOR CATCH BASIN CONCRETE APRON FOR DROP INLETS
2,650	LF	1'-6" CONCRETE CURB & GUTTER
4,950	LF	2'-6" CONCRETE CURB & GUTTER
2,550	SY	4" CONCRETE SIDEWALK
110	SY	CONCRETE WHEELCHAIR RAMPS
135	SY	5" MONOLITHIC CONCRETE ISLANDS
	TOM	(KEYED IN)
14 45	TON SY	PLAIN RIP RAP, CLASS B FILTER FABRIC FOR DRAINAGE
168	SF	WORK ZONE SIGNS (STATIONARY)
30	SF	WORK ZONE SIGNS (PORTABLE)
96	SF	WORK ZONE SIGNS (BARRICADE
		MOUNTED)
50	EA	DRUMS
100	LF	BARRICADES (TYPE III)
3,550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
350	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (8", 90 MILS)
75	LF	THERMOPLASTIC PAVEMENT MARKING
16	EA	LINES (24", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
10	LA	CHARACTER (120MIL)
19	EA	THERMOPLASTIC PAVEMENT MARKING
		SYMBOL (90 MILS)

4,750	LF	PAINT PAVEMENT MARKING LINES (4")
350	LF	PAINT PAVEMENT MARKING LINES (8")
75	LF	PAINT PAVEMENT MARKING LINES (24")
8	EA	PAINT PAVEMENT MARKING CHARACTER
13	EA	PAINT PAVEMENT MARKING SYMBOI
3,000	LF	TEMPORARY SILT FENCE
100	TON	STONE FOR EROSION CONTROL, CLASS B
100	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING
1	TON	FERTILIZER FOR TEMPORARY SEED-ING
50	CY	SILT EXCAVATION
500	SY	MATTING FOR EROSION CONTROL
250	LF	1/4" HARDWARE CLOTH
4.25	ACR	SEEDING & MULCHING
200	LB	SEED FOR REPAIR SEEDING
1	TON	FERTILIZER FOR REPAIR SEEDING

Page: 5 of 33

L050517 005

#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C201457 34452.3.7 DIV OFFICE GREENVILLE LENGTH = 8.142 KM

**COUNTY** : **PAMLICO** 

GRADING, DRAINAGE, PAVING, CURB & GUTTER AND CULVERTS.

#### DBE GOAL 13.0% COMPLETION DATE: JUN 01 2008

#### NC-55 FROM SR-1129 (BENNETT-TINGLE RD) TO NC-304 IN BAYBORO.

		ROADWAY ITEMS	1,300	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
			15,700	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
Lump Sum 35	LS MO	MOBILIZATION FIELD OFFICE	28,800	MTN	ASPHALT CONC INTERMEDIATE
Lump Sum	LS	CLEARING & GRUBBING HEC- TARE(S)	1,400	MTN	COURSE, TYPE I19.0C ASPHALT CONC SURFACE COURSE, TYPE S9.5B
0.4	HA	SUPPLEMENTARY CLEARING & GRUB-BING	34,300	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
29,700	M3	UNCLASSIFIED EXCAVATION	2,170	MTN	ASPHALT BINDER FOR PLANT MIX,
29,200 2,500	M3 MTN	UNDERCUT EXCAVATION CLASS IV SUBGRADE STABILIZA- TION	2,060	MTN	GRADE PG 64-22 ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
98,000	M3	BORROW EXCAVATION	1,000	MTN	ASPHALT PLANT MIX PAVEMENT
8,020	M3	DRAINAGE DITCH EXCAVATION			REPAIR
690	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	276 207	M3 M3	SUBDRAIN EXCAVATION SUBDRAIN FINE AGGREGATE
120	M2	REMOVAL OF EXISTING CONCRETE	500	M	150MM PERFORATED SUBDRAIN PIPE
1,060	M2	PAVEMENT BREAKING OF EXISTING ASPHALT	50	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
1,000	1412	PAVEMENT	4	EA	CONCRETE PAD FOR SUBDRAIN PIPE
18,000	M3	SELECT GRANULAR MATERIAL	_		OUTLET
20,000 850	M2 M2	FABRIC FOR SOIL STABILIZATION TEMPORARY SHORING	8 60.8	M M3	150MM OUTLET PIPE (SUBDRAINS) ENDWALLS
16,500	M3	GENERIC GRADING ITEM	5	M3	PIPE COLLARS
600.000		SELECT MATERIAL, CLASS III	3	M3	PIPE PLUGS
600,000	L	GENERIC GRADING ITEM CONTAMINATED WATER DISPOSAL	377 21	EA	MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES
10,600	MTN	GENERIC GRADING ITEM	1	M EA	FRAME WITH GRATE, STD 840.29
		EXCAVATION, HAULING & DISPOSAL OF CONTAMINATED SOIL	121	EA	FRAME WITH TWO GRATES, STD
3,040	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			840.***** (840.16)
64.8	M	****MM SIDE DRAIN PIPE (750MM)	13	EA	FRAME WITH TWO GRATES, STD 840.29
220.8	M	375MM SIDE DRAIN PIPE	50	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
66 46.8	M M	450MM SIDE DRAIN PIPE			(E)
253.2	M	600MM SIDE DRAIN PIPE 300MM RC PIPE CULVERTS, CLASS	94	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
4 600 0		III	0.5	ъ.	(F)
1,699.2 2,117	M M	375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS	86	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
2,117	141	III	3	EA	FRAME WITH COVER, STD 840.54
1,271.4	M	600MM RC PIPE CULVERTS, CLASS III	4	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
1,167.6	M	750MM RC PIPE CULVERTS, CLASS III	50	M	FRAME WITH GRATES, DRIVEWAY DROP INLET
642	M	900MM RC PIPE CULVERTS, CLASS III	25	EA	GENERIC DRAINAGE ITEM MASONRY DRAINAGE STRUCTURES
346.8	M	1050MM RC PIPE CULVERTS, CLASS III	3,450	M	(SEALED SYSTEM)  *** X ***MM CONCRETE CURB
654	M	1200MM RC PIPE CULVERTS, CLASS III	8,500	M	(200MM X 450MM) 750MM CONCRETE CURB & GUTTER
21.6	M	400MM BIT COAT CS PIPE CUL-	50	M	***MM CONCRETE GUTTER
121.2	M	VERTS, TYPE B 1.63MM THICK GENERIC PIPE ITEM	6	EA	(600MM) MODIFIED CONCRETE FLUME
121.2		1200MM DI PIPE, CLASS 50	380	M	CONCRETE EXPRESSWAY GUTTER
3.6	M	GENERIC PIPE ITEM 300MM DI PIPE, CLASS 50	25	M	CONCRETE VALLEY GUTTER
262.8	M	GENERIC PIPE ITEM	3,700 270	M2 M2	100MM CONCRETE SIDEWALK CONCRETE WHEELCHAIR RAMPS
<b>52</b> 0	.,	400MM DI PIPE, CLASS 50	1,050	M2	150MM CONCRETE DRIVEWAY
52.8	M	GENERIC PIPE ITEM 450MM DI PIPE, CLASS 50	20	M2	100MM CONCRETE PAVED DITCH
338.4	M	GENERIC PIPE ITEM 600MM DI PIPE, CLASS 50	1,184.91 2	M EA	STEEL BM GUARDRAIL STEEL BM GUARDRAIL TERMINAL
66	M	GENERIC PIPE ITEM	2	LA	SECTIONS
		750MM DI PIPE, CLASS 50	5	EA	ADDITIONAL GUARDRAIL POSTS
229.2	M	GENERIC PIPE ITEM 900MM DI PIPE, CLASS 50	4	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
2,898 Lump Sum	M LS	PIPE REMOVAL FINE GRADING	4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
500	KG	SEALING EXISTING PAVEMENT	55	M	CHAIN LINK FENCE RESET
33,600	MTN	CRACKS AGGREGATE BASE COURSE	750 225	MTN MTN	PLAIN RIP RAP, CLASS I PLAIN RIP RAP, CLASS B
	MTN		3,550	M2	FILTER FABRIC FOR DRAINAGE
2,040	M2	MILLING ASPHALT PAVEMENT, **MM DEPTH	2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
		(100MM)	683 18	M EA	SUPPORTS, WOOD SIGN ERECTION, TYPE D
			10		

			5	EA	200MM GATE VALVE & VALVE BOX, ****MPA WP
81	EA	SIGN ERECTION, TYPE E	12	EA	(1.38MPA) 250MM GATE VALVE & VALVE BOX, ****MPA WP
19 13	EA EA	SIGN ERECTION, TYPE F RELOCATE SIGN, TYPE ***** (D)	2	EA	(1.38MPA)  *** X ***MM TAPPING SLEEVE,  VALVE & VALVE BOX, ****MPA WP
11 107	EA EA	DISPOSAL OF SUPPORT, WOOD DISPOSAL OF SIGN SYSTEM, WOOD	1	EA	(150MM X 150MM, 1.38MPA) *** X ***MM TAPPING SLEEVE,
110 45	M2 M2	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE)	3	EA	VALVE & VALVE BOX, ****MPA WP (200MM X 150MM, 1.38MPA) *** X ***MM TAPPING SLEEVE,
9	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	3	EA	VALVE & VALVE BOX, ****MPA WP (200MM X 200MM, 1.38MPA)
2 2 4	EA EA EA	FLASHING ARROW PANELS, TYPE C CHANGEABLE MESSAGE SIGNS WARNING FLAG SETS	16	EA EA	*** X ***MM TAPPING SADDLE (100MM X 20MM) *** X ***MM TAPPING SADDLE
600	EA	DRUMS	1	EA	(100MM X 25MM)
100	EA	CONES  PARRICA DES (TYPE III)	2	EA	*** X ***MM TAPPING SADDLE (150MM X 20MM)
40 600	M MD	BARRICADES (TYPE III) FLAGGER	9	EA	*** X ***MM TAPPING SADDLE
2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)	118	EA	(200MM X 20MM) *** X ***MM TAPPING SADDLE (250MM X 20MM)
920 4,069	M EA	WATER FILLED BARRIER TEMPORARY RAISED PAVEMENT	58	EA	RELOCATE EXISTING WATER METER
4,009	LA	MARKERS	7	EA	RELOCATE EXISTING FIRE HYDRANT
11,000	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	406	M	***MM PVC FORCE MAIN SEWER PIPE, *********
26,500	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	4,401	M	(100MM, SDR 21, 1.38MPA) ***MM PVC FORCE MAIN SEWER
120	M	THERMOPLASTIC PAVEMENT MARKING			PIPE, ************************************
380	M	LINES (200MM, 2.3MM) THERMOPLASTIC PAVEMENT MARKING	1,654	M	***MM PVC FORCE MAIN SEWER
		LINES (600MM, 3.1MM)			PIPE, ************************************
30	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	20.3	M	***MM PVC FORCE MAIN SEWER
259	EA	THERMOPLASTIC PAVEMENT MARKING			PIPE, ************************************
140.700	м	SYMBOL (2.3MM) PAINT PAVEMENT MARKING LINES	554	M	***MM PVC FORCE MAIN SEWER
140,790	M	(100MM)			PIPE, ************************************
250	M	PAINT PAVEMENT MARKING LINES	537	M	***MM PVC FORCE MAIN SEWER
850	M	(200MM) PAINT PAVEMENT MARKING LINES			PIPE, ************************************
	Е.	(600MM)	999	M	***MM PVC FORCE MAIN SEWER
60	EA	PAINT PAVEMENT MARKING CHARAC- TER			PIPE, ************************************
534 41,800	EA M	PAINT PAVEMENT MARKING SYMBOL REMOVAL OF PAVEMENT MARKING	317	KG	DUCTILE IRON SEWER PIPE FIT- TINGS, 1.72MPA MIN WP
		LINES (100MM)	1	EA	GENERIC UTILITY ITEM 150MM LINE STOP & PLUG
120	M	REMOVAL OF PAVEMENT MARKING LINES (600MM)	3	EA	GENERIC UTILITY ITEM
12	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	13	EA	200MM LINE STOP & PLUG GENERIC UTILITY ITEM
2,940	EA	PERMANENT RAISED PAVEMENT MARKERS	2 120		50MM SEWER AIR RELEASE VALVE AND MANHOLE
3	EA EA	2.1M U-CHANNEL POSTS OBJECT MARKERS (END OF ROAD)	2,139	М	GENERIC UTILITY ITEM 20MM PE WATER TUBING, SDR9,
2,684	MTN	FOUNDATION CONDITIONING MATE-	10,000	M	1.38MPA TEMPORARY SILT FENCE
		RIAL, UTILITIES CLASS ******* (VI)	750		STONE FOR EROSION CONTROL,
2,684	MTN	BEDDING MATERIAL, UTILITIES CLASS *********	3,300	MTN	CLASS A STONE FOR EROSION CONTROL,
35	MTN	(IV) PAVEMENT REPAIR FOR UTILITY	2,400	MTN	CLASS B SEDIMENT CONTROL STONE
		WORK	31.5	HA	TEMPORARY MULCHING
30	M	150MM DI WATER PIPE, PC 2.41MPA	1,400	KG MTN	SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED-
268	M	***MM PVC WATER PIPE, SDR ****	12	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ING
115	M	(75MM, SDR 21, 1.38MPA) 50MM PVC WATER PIPE, SDR 21,	60 5	M EA	TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY
972	М	1.38MPA WP			SLOPE DRAINS
872	M	100MM PVC WATER PIPE, SDR 21, 1.38MPA WP	3,300 3,500	M M3	SAFETY FENCE SILT EXCAVATION
509	M	150MM PVC WATER PIPE, SDR 21, 1.38MPA WP	18,000	M2	MATTING FOR EROSION CONTROL
119	M	200MM PVC WATER PIPE, SDR 21,	2,460 120	M M	6.4MM HARDWARE CLOTH ***MM TEMPORARY PIPE
6,350	M	1.38MPA WP 250MM PVC WATER PIPE, SDR 21,			(600MM)
12,074	KG	1.38MPA WP DUCTILE IRON WATER PIPE FIT-	260 4	M3 EA	STILLING BASINS SPECIAL STILLING BASINS
12,074	NO	TINGS, 1.72MPA MIN WP	33	HA	SEEDING & MULCHING
145	EA	20MM CORPORATION STOP	17.5	HA	MOWING
1	EA EA	25MM CORPORATION STOP  ***MM GATE VALVE & VALVE BOX,	400 1.5	KG MTN	SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING
3	1	****MPA WP	925	KG	SEED FOR SUPPLEMENTAL SEEDING
11	EA	(100MM, 1.38MPA)  ***MM GATE VALVE & VALVE BOX,	56		FERTILIZER TOPDRESSING
• •		****MPA WP (50MM, 1.38MPA)	0.2	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTI-
9	EA	****MM GATE VALVE & VALVE BOX, ****MPA WP	90	M	PEDE) IMPERVIOUS DIKE
		(75MM, 1.38MPA)	8.5	HR	SPECIALIZED HAND MOWING
17	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP	24	EA HA	RESPONSE FOR EROSION CONTROL REFORESTATION
			620	M	SIGNAL CABLE

24	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
2	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)
175	M	MESSENGER CABLE (9.52MM)
41	M	TRENCHING (PAVED)
245	M	TRENCHING (UNPAVED)
160	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, *****MM (** CONDUIT) (50MM, 2)
12	EA	JUNCTION BOX (STANDARD SIZE)
4	EA	WOOD POLE
8	EA	GUY ASSEMBLY
1	EA	25MM RISER WITH WEATHERHEAD
1	EA	50MM RISER WITH WEATHERHEAD
1,100	M	INDUCTIVE LOOP SAWCUT
845	M	LEAD-IN CABLE
2	EA	MICROWAVE VEHICLE DETECTOR
6	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE
1	EA	DOUBLE MAST ARM WITH METAL POLE
7	EA	SOIL TEST
35	M	DRILLED PIER FOUNDATION (***MM DIA) (1219MM)
7	EA	MAST ARM WITH METAL POLE DE- SIGN
1	EA	SIGN FOR SIGNALS
2	EA	CABINET BASE ADAPTER
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
12	EA	DETECTOR CARD (TYPE 2070L)

#### CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ****** (196+60.650-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (199+76.780-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (206+01.869-L-)
200	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
261.6	M3	CLASS A CONCRETE (CULVERT)
20,468	KG	EPOXY COATED REINFORCING STEEL (CULVERT)

Page: 8 of 33

L050517 006

#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C201465 33224.3.2 DIV OFFICE WILMINGTON LENGTH = 2.215 MI

COUNTY : ONSLOW

GRADING, DRAINAGE, PAVING & STRUCTURE.

#### DBE GOAL 12.0% COMPLETION DATE: DEC 31 2006

### BRIDGE OVER LITTLE NE CREEK & APPROACHES ON SR-1423 AT JACKSONVILLE AND SR-1423 FROM NORTH OF SR-1411 TO SR-1413.

			12	CN/	All CONCEPTE DAVIED DITCH
		ROADWAY ITEMS	12 350	SY LF	4" CONCRETE PAVED DITCH STEEL BM GUARDRAIL
			5	EA	ADDITIONAL GUARDRAIL POSTS
Lump Sum	LS	MOBILIZATION	4	EA	GUARDRAIL ANCHOR UNITS, TYPE
Lump Sum	LS	CONSTRUCTION SURVEYING			III
Lump Sum	LS	CLEARING & GRUBBING ACRE(S)	4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	1	EA	GUARDRAIL ANCHOR UNITS, TYPE ********* TEMPORARY
20,800	CY	UNCLASSIFIED EXCAVATION			(W-BEAM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	23	LF	WOVEN WIRE FENCE, 47" FABRIC
		(27+85.00)	7	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
8,400	CY	UNDERCUT EXCAVATION	36	LF	CHAIN LINK FENCE, 48" FABRIC
32,201 95	CY CY	BORROW EXCAVATION DRAINAGE DITCH EXCAVATION	3	EA	METAL LINE POSTS FOR 48" CHAIN
1,800	SY	REMOVAL OF EXISTING ASPHALT	3	EA	LINK FENCE METAL TERMINAL POSTS FOR 48"
-,		PAVEMENT	5	LA	CHAIN LINK FENCE
228	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	1	EA	SINGLE GATES, **" HIGH, **' WIDE, **' OPENING
400	CY	SELECT GRANULAR MATERIAL			(4' HIGH, 10' WIDE, 10' OPEN-
400	SY	FABRIC FOR SOIL STABILIZATION	26	TON	ING)
600	SF	TEMPORARY SHORING - BARRIER SUPPORTED	36 119	TON TON	PLAIN RIP RAP, CLASS I PLAIN RIP RAP, CLASS B
298	TON	FOUNDATION CONDITIONING MATE-	1,083	SY	FILTER FABRIC FOR DRAINAGE
		RIAL, MINOR STRS	2	EA	PREFORMED SCOUR HOLES WITH
932	LF	15" SIDE DRAIN PIPE			LEVEL SPREADER APRON
36 48	LF LF	18" SIDE DRAIN PIPE 15" RC PIPE CULVERTS, CLASS	78 328	SF SF	WORK ZONE SIGNS (STATIONARY)
40	LI	III	38	SF	WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE
248	LF	18" RC PIPE CULVERTS, CLASS	30		MOUNTED)
572	LF	III 24" RC PIPE CULVERTS, CLASS	3	EA	WARNING FLAG SETS
572	LF	III	100	EA	DRUMS
272	LF	30" RC PIPE CULVERTS, CLASS	50 96	EA LF	CONES BARRICADES (TYPE III)
222	I F	III	720	HR	FLAGGER
232	LF	36" RC PIPE CULVERTS, CLASS III	1	EA	TEMPORARY CRASH CUSHIONS
192	LF	42" RC PIPE CULVERTS, CLASS	1	EA	RESET TEMPORARY CRASH CUSHIONS
192	LF	III	1	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)
192	LF	48" RC PIPE CULVERTS, CLASS III	230	LF	PORTABLE CONCRETE BARRIER
72	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	225	EA	TEMPORARY RAISED PAVEMENT MARKERS
12	LF	18" BIT COAT CS PIPE CULVERTS,	24,000	LF	THERMOPLASTIC PAVEMENT MARKING
4	EA	TYPE B 0.064" THICK 15" BIT COAT CS PIPE ELBOWS,	25,915	LF	LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
·	2	TYPE B 0.064" THICK	.,		LINES (4", 120 MILS)
2	EA	18" BIT COAT CS PIPE ELBOWS, T YPE B 0.064" THICK	100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,674	LF	PIPE REMOVAL	120	LF	THERMOPLASTIC PAVEMENT MARKING
10	EA	PIPE CLEAN-OUT	12	EA	LINES (24", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
Lump Sum 1,000	LS TON	FINE GRADING INCIDENTAL STONE BASE	12	Lit	CHARACTER (120MIL)
1,000	SMI	SHOULDER RECONSTRUCTION	10	EA	THERMOPLASTIC PAVEMENT MARKING
6,260	TON	ASPHALT CONC BASE COURSE, TYPE	99,830	LF	SYMBOL (90 MILS) PAINT PAVEMENT MARKING LINES
5 192	TON	B25.0B ASPHALT CONC INTERMEDIATE	,		(4")
3,162	ION	COURSE, TYPE I19.0B	200	LF	PAINT PAVEMENT MARKING LINES (8")
2,652	TON	ASPHALT CONC SURFACE COURSE,	240	LF	(8 ) PAINT PAVEMENT MARKING LINES
686	TON	TYPE SF9.5A ASPHALT BINDER FOR PLANT MIX,			(24")
000	1011	GRADE PG 64-22	24	EA	PAINT PAVEMENT MARKING CHARAC- TER
244	TON	ASPHALT PLANT MIX, PAVEMENT	20	EA	PAINT PAVEMENT MARKING SYMBOL
500	TON	REPAIR PATCHING EXISTING PAVEMENT	2,000	LF	REMOVAL OF PAVEMENT MARKING
20	CY	ENDWALLS	225	E.4	LINES (4")
9	EA	MASONRY DRAINAGE STRUCTURES	225	EA	PERMANENT RAISED PAVEMENT MARKERS
2	EA	FRAME WITH GRATE, DETAIL 840.*****	1,015	TON	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS *******
3	EA	(840.16) FRAME WITH TWO GRATES, DETAIL			(VI)
3	EA	840.****	1,015	TON	BEDDING MATERIAL, UTILITIES CLASS ***********
_	г.	(840.29)			(IV)
2 2	EA	FRAME WITH TWO GRATES STD	78	LF	6" PVC WATER PIPE, SDR *******
2	EA	FRAME WITH TWO GRATES, STD 840.****	8,235	LF	(SDR 21, 200# WP) 8" PVC WATER PIPE, SDR ******
		(840.22)	0,233		(SDR 21, 200# WP)
325 200	LF SY	SHOULDER BERM GUTTER 6" CONCRETE DRIVEWAY	1,960	LB	DUCTILE IRON WATER PIPE FIT-
200	31	U CONCRETE DRIVEWAT			TINGS, 250# MIN WP

LF	3/4" PE WATER TUBING, SDR 9, *****WP
	(200# WP)
EA	3/4" CORPORATION STOP
EA	6" GATE VALVE & VALVE BOX, 200# WP
EA	8" GATE VALVE & VALVE BOX, *****WP
	(200# WP)
EA	**"X**" TAPPING SADDLE (8" X 3/4")
EA	RELOCATE EXISTING WATER METER
EA	FIRE HYDRANT, ****# WP (150 #WP)
LF	TEMPORARY SILT FENCE
TON	STONE FOR EROSION CONTROL, CLASS A
TON	STONE FOR EROSION CONTROL, CLASS B
TON	SEDIMENT CONTROL STONE
ACR	TEMPORARY MULCHING
LB	SEED FOR TEMPORARY SEEDING
TON	FERTILIZER FOR TEMPORARY SEED-ING
LF	TEMPORARY SLOPE DRAINS
EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
LF	SAFETY FENCE
CY	SILT EXCAVATION
SY	MATTING FOR EROSION CONTROL
LF	1/4" HARDWARE CLOTH
LF	**" TEMPORARY PIPE (18")
SY	FLOATING TURBIDITY CURTAIN
ACR	SEEDING & MULCHING
ACR	MOWING
LB	SEED FOR REPAIR SEEDING
TON	FERTILIZER FOR REPAIR SEEDING
LB	SEED FOR SUPPLEMENTAL SEEDING
TON	FERTILIZER TOPDRESSING
HR	SPECIALIZED HAND MOWING
EA	RESPONSE FOR EROSION CONTROL
ACR	REFORESTATION
	EA E

#### STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
		AT STATION ********
		(27+84.47 -L-)
73.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		(27+84.47 -L-)
13,298	LB	REINFORCING STEEL (BRIDGE)
420	LF	HP12X53 STEEL PILES
840	LF	PP 18 X 0.50 STEEL PILES
382.63	LF	TWO BAR METAL RAIL
397.63	LF	1'-**"X *****" CONCRETE PARA-
		PET
		(1'-2" X 2'-8 1/2")
235	TON	PLAIN RIP RAP CLASS II (2'-0"
		THICK)
262	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,379.75	LF	3'-0" X 1'-9" PRESTRESSED CONC
		CORED SLABS

Page: 10 of 33

L050517 007

#### STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C201226 34459.3.4 DIV OFFICE WILSON LENGTH = 7.188 KM

COUNTY : JOHNSTON, WAKE

WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.

MBE GOAL 7.0% WBE 6.0% COMPLETION DATE: JUN 15 2009

#### US-70 BYPASS (CLAYTON BYPASS) FROM I-40 TO EAST OF NC-42.

Section   Sect			ROADWAY ITEMS	154.8	M	450MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK
Limp Sum   I.S   MOBILIZATION   Limp Sum   I.S   CLARING & GUIDBING   HEC				86.4	M	600MM BIT COAT CS PIPE CUL-
Lamp Sum   15   CLASHING & GRUB-BINC	Lump Sum			34.8	M	
SUPPLIAINTARY CLICARING & GRUB-   18	Lump Sum	LS				VERTS, TYPE B 2.01MM THICK
BING	2.8	HA		21.6	M	
1375   150	0	Ε.		69.6	M	1000MM BIT COAT CS PIPE CUL-
Lamp Sum   LS   RENFORCED BRIDGE APPROACH				10.9	м	
THE STATE OF STATE			REINFORCED BRIDGE APPROACH	10.8	M	
Lump Sum   LS   RENFORCED BRIDGE APPROACH   1				1	EA	
CHAPSON   15   SENDINGER   19   SENDIN	Lump Sum	LS	REINFORCED BRIDGE APPROACH			
Lump Sum				2	EA	
Lump Sum   LS   REINFORCED BRIDGE APPROACH   12   24   25   25   26   26   26   26   27   27   28   28   28   28   28   28	Lump Sum	LS	REINFORCED BRIDGE APPROACH			
Lump Sum   Lim   Sum				28	EA	
Composition	Lump Sum	LS	REINFORCED BRIDGE APPROACH	12	EA	
Lump Sum   Lump Sum						
FILL SYATION	Lump Sum	LS	REINFORCED BRIDGE APPROACH	5	EA	
Lump Sum   LS   REINFORCED BRIDGE APPEOACH   325 MZ   SIGNER GRADNIC (TEM CITY OF CATE OF CA				509	M	
Lump Sum	Lump Sum	LS	`			
Lump Sum	1		FILL, STATION *********	325	M2	
FILL, STATION	Lumn Sum	IS		Lump Sum	LS	
Lump Sum   Lord   Service   Lamp Sum   Lord   Service   Lord   Lord   Service   Lord   L	Lump Sum	Lo	FILL, STATION *********	95,150	M2	
FILL, STATION	Lumn Sum	IS		575	MTN	
1,000 MT	Lump Sum	Lo	FILL, STATION *********			
1,000 MTN   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STABILIZA-   1000 MTN   SELECT GRANULAR MATERIAL   CLASS IV SUBGRADE STAB	22 900	M2		1,500	MTN	
12,255   M3   DRAINAGE DITCH EXCAVATION   2,856   MTN   ORGANIZATION   2,856   MTN   ORGANIZATION   2,856   MTN   ORGANIZATION   2,856   MTN   ORGANIZATION   2,812   MTN   AGGREGATE FOR SOIL CE-MENT BASE   2,941   MTN   AGGREGATE FOR SOIL CEMENT BASE   1,29,412   MTN   NICIDENTAL STONE BASE   1,200   MTN   SICHLECT GRANULAR MATERIAL   2,200   MTN   SICHLECT GRANULAR MATERIAL   3,200   MTN   SICHLEC G						
28,120   M   BERM DITCH CONSTRUCTION   2,500   MT     28,120   M   PROVINCY, OF EXISTING ASPHALT   325   MTN     1,300   M   BERM STANG OF EXISTING ASPHALT   34,000   MTN     1,300   M   BERAKING OF EXISTING ASPHALT   34,000   MTN     1,300   M   SELECT GRANULAR MATERIAL   325   MTN     3,200   MTN   SELECT GRANULAR MATERIAL   325   MTN     3,200   MTN   SELECT GRANULAR MATERIAL   325   MTN     3,200   MTN   SELECT MATERIAL   325   MTN     4, MTN   TEMPORARY SHORING   16,000   MTN     5,000   MTN   SELECT MATERIAL, CLASS IV   49,910   MTN     4, MTN   SELECT MATERIAL, CLASS IV   49,910   MTN     4, MTN   SELECT MATERIAL, CLASS IV   49,910   MTN     4, MTN   SELECT MATERIAL, CLASS IV   49,910   MTN     5,000   MTN   SELECT MATERIAL, CLASS IV   49,910   MTN     6, MTN   SELECT MATERIAL, CLASS IV   49,910   MTN     7, MTN   SELECT MATERIAL, CLASS IV   49,910   MTN     8, MTN   SASPHALT CONC DISTRUBURED   MTN     1, MTN   SASPHALT CONC INTERMEDIATE     2, MTN   SASPHALT CONC INTERMEDIATE     2, MTN   SASPHALT CONC SURFACE COURSE, TYPE II 9.00     1, MTN   SASPHALT CONC SURFACE COURSE, TYPE II 9.00     1, MTN   SASPHALT CONC SURFACE COURSE, TYPE II 9.00     1, MTN   SASPHALT CONC SURFACE COURSE, TYPE II 9.00     1, MTN   SASPHALT CONC SURFACE COURSE, TYPE II 9.00     1, MTN   SASPHALT CONC SURFACE COURSE, TYPE II 9.00     1, MTN   SASPHALT CONC SURFACE COURSE, TYPE II 9.00     1, MTN   SASPHALT CONC SURFACE COURSE, TYPE II 9.00     1, MTN   SASPHALT CONC SURFACE COURSE, TYPE II 9.00     1, MTN   SASPHALT CONC SURFACE COURSE, TYPE SAS S.	,			95,150	NI2	
28,120   M2				2,856	MTN	
1,100				325	MTN	
PAVEMENT   70,400   M3   SHOULDER BORROW     3,200   M3   SELECT GRANULAR MATERIAL   25,000   L   PRIME COAT     3,200   M2   FABRIC FOR SOIL STABILIZATION   16,000   MTN   ASPHALT CONC BASE COURSE, TYPE     500   MTN   SELECT MATERIAL, CLASS IV   49,910   MTN   ASPHALT CONC BASE COURSE, TYPE     2,900   MTN   SELECT MATERIAL, CLASS IV   49,910   MTN   ASPHALT CONC BASE COURSE, TYPE     2,901   MTN   FOUNDATION CONDITIONING MATE-RIAL, MINOR STRS   1,380   MTN   ASPHALT CONC INTERMEDIATE     2,004   M   375MM SIDE DRAIN PIPE   48,615   MTN   ASPHALT CONC INTERMEDIATE     2,196   M   375MM RC PIPE CULVERTS, CLASS   1,425   MTN   ASPHALT CONC INTERMEDIATE     2,196   M   375MM RC PIPE CULVERTS, CLASS   1,425   MTN   ASPHALT CONC SURFACE COURSE, TYPE 19.00     11			PAVEMENT			
70.2 HR	1,300	M2		3,400	MTN	INCIDENTAL STONE BASE
3,200   M2   FABRIC FOR SOIL STABILIZATION   16,000   MTN   ASPITALT CONC BASE COURSE, TYPE   152.06   MTN   SELECT MATERIAL, CLASS IV   HS PUNDATION CONDITIONING MATE-RIAL, MINOR STRS   1,380   MTN   ASPITALT CONC BASE COURSE, TYPE   152.00   MTN   ASPITALT CONC BASE COURSE, TYPE   152.00   MTN   ASPITALT CONC INTERMEDIATE   COURSE, TYPE 119.00   MTN   ASPITALT CONC INTERMEDIATE   COURSE, TYPE 119.00   MTN   ASPITALT CONC INTERMEDIATE   COURSE, TYPE 119.00   MTN   ASPITALT CONC SURFACE COURSE, TYPE 119.00   MTN   MTP	70.2	HR		· ·		
3,200   M2   FABRIC FOR SOIL STABILIZATION   16,000   MTN   ASPIRALT CONC BASE COURSE, TYPE   17,000   MTN   SELECT MATERIAL, CLASS IV   49,910   MTN   ASPIRALT CONC BASE COURSE, TYPE   1825.00   MTN   SELECT MATERIAL, CLASS IV   49,910   MTN   ASPIRALT CONC BASE COURSE, TYPE   1825.00   MTN   ASPIRALT CONC INTERMEDIATE   1,380   MTN   ASPIRALT CONC INTERMEDIATE   COURSE, TYPE 19.00   MTN   ASPIRALT CONC SURFACE COURSE, TYPE 19.00   MTN   ASPIRALT DONC SURFACE COURSE, TYPE 19.00   MTN   ASPIRALT BINDER FOR PLANT MIX, GRADE PG 70-22   MTN	3,200	M3	SELECT GRANULAR MATERIAL	· ·		
Second   MTN   SELECT MATERIAL, CLASS IV   49,910   MTN   SELECT MATERIAL, CLASS IV   49,910   MTN   FOUNDATION CONDITIONING MATERIAL, MINOR SITS   1,380   MTN   ASPHALT CONC BASE COURSE, TYPE   19,000   1375MM SIDE DRAIN PIPE   2,196   M   375MM SIDE DRAIN PIPE   48,615   MTN   ASPHALT CONC INTERMEDIATE   COURSE, TYPE 119,00   14,425   MTN   ASPHALT CONC INTERMEDIATE   COURSE, TYPE 119,00   14,425   MTN   ASPHALT CONC SURFACE COURSE, TYPE 12,52   MTN   ASPHALT CONC						
2,990 MTN				40.010	MTM	
200.4 M   375MM SIDE DRAIN PIPE   COURSE, TYPE 119 0B			FOUNDATION CONDITIONING MATE-	49,910	MIIN	
18	200.4	М		1,380	MTN	
2,196				48 615	MTN	
2,014.8 M	2,196	M				COURSE, TYPE I19.0C
III 6,825 MTN ASPHALT CONC SURFACE COURSE, TYPE S9.5C  III 7,400 MTN ASPHALT CONC SURFACE COURSE, TYPE S9.5C  III 7,400 MTN ASPHALT CONC SURFACE COURSE, TYPE S9.5C  III 7,400 MTN ASPHALT CONC SURFACE COURSE, TYPE S9.5A  MTN ASPHALT CONC SURFACE COURSE, TYPE S9.5A  III 35 MTN ASPHALT CONC SURFACE COURSE, TYPE S9.5A  III 42,755 MTN ASPHALT CONC SURFACE COURSE, TYPE S12.5C  III 42,755 MTN ASPHALT CONC SURFACE COURSE, TYPE S12.5C  III 5,757 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22  III 5,757 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 67-022  III 2,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 2,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 2,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 2,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 2,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 2,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 2,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 3,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 3,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 4,775 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 4,775 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 5,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 4,775 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 4,775 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 5,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 5,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 5,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 5,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 5,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 5,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 5,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 5,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 5,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 5,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22  III 5,765 MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 7	2 014 8	М		1,425	MTN	
III	2,014.0	.*1	III	6,825	MTN	ASPHALT CONC SURFACE COURSE,
870 M   750MM RC PIPE CULVERTS, CLASS   III   35 MTN   ASPHALT CONC SURFACE COURSE, TYPE \$4.75A   III   42,755 MTN   ASPHALT CONC SURFACE COURSE, TYPE \$4.75A   III   42,755 MTN   ASPHALT CONC SURFACE COURSE, TYPE \$4.75A   III   42,755 MTN   ASPHALT CONC SURFACE COURSE, TYPE \$12.5C   III   5,757 MTN   ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22   III   2,765 MTN   ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22   III   2,765 MTN   ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22   III   427 MTN   ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22   III   427 MTN   ASPHALT BINDER FOR PLANT MIX PAVEMENT REPAIR   III   24,445 M   MILLED RUMBLE STRIPS   42,445 M   MILLED RUMBLE STRIPS   42,445 M   MILLED RUMBLE STRIPS   42,445 M   MILLED RUMBLE STRIPS   43,445 M   45,445 M	1,560	M		7.400	MTN	
387.6 M   900MM RC PIPE CULVERTS, CLASS   TYPE \$4.75A	870	M		7,400	IVITIN	
S56.8 M   1050MM RC PIPE CULVERTS, CLASS   11	297.6	М		35	MTN	
123.6 M   1050MM RC PIPE CULVERTS, CLASS   11	387.0	IVI		42,755	MTN	
123.6 M   1200MM RC PIPE CULVERTS, CLASS   GRADE PG 64-22	556.8	M				TYPE S12.5C
III	123.6	М		5,757	MTN	
117.6 M   1500MM RC PIPE CULVERTS, CLASS     24,445 M   MILLED RUMBLE STRIPS			III	2,765	MTN	ASPHALT BINDER FOR PLANT MIX,
117.6 M   1500MM RC PIPE CULVERTS, CLASS   REPAIR	225.6	M		127	MTN	
52.8 M ***MM CS PIPE CULVERTS, ****MM THICK (150MM, 1.63MM)  57.6 M 400MM CS PIPE CULVERTS, 1.63MM 1,150 M2 ***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (360MM)  57.6 M 400MM CS PIPE CULVERTS, 1.63MM 1,150 M2 ***MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (360MM)  15.6 M 450MM CS PIPE CULVERTS, 1.63MM (360MM)  THICK 400 M2 GENERIC PAVING ITEM MILL EXISTING RUMBLE STRIP IN CONCRETE SHOULDER  439.2 M 400MM BIT COAT CS PIPE CUL- Lump Sum LS SURFACE TESTING CONCRETE PAVE-	117.6	M	1500MM RC PIPE CULVERTS, CLASS		171 I I N	REPAIR
THICK (150MM, 1.63MM)  57.6 M 400MM CS PIPE CULVERTS, 1.63MM 1,150 M2 ***MM PORT CEM CONC PAVEMENT, THICK 1,150 M 450MM CS PIPE CULVERTS, 1.63MM (360MM)  15.6 M 450MM CS PIPE CULVERTS, 1.63MM (360MM)  THICK 400 M2 GENERIC PAVING ITEM MILL EXISTING RUMBLE STRIP IN CONCRETE SHOULDER  21.6 M 600MM CS PIPE CULVERTS, 1.63MM MILL EXISTING RUMBLE STRIP IN CONCRETE SHOULDER  439.2 M 400MM BIT COAT CS PIPE CUL- Lump Sum LS SURFACE TESTING CONCRETE PAVE-	£2.0	M				
57.6 M 400MM CS PIPE CULVERTS, 1.63MM 1,150 M2 ***MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) 15.6 M 450MM CS PIPE CULVERTS, 1.63MM HILL EXISTING RUMBLE STRIP IN CONCRETE SHOULDER  21.6 M 600MM CS PIPE CULVERTS, 1.63MM MILL EXISTING RUMBLE STRIP IN CONCRETE SHOULDER  439.2 M 400MM BIT COAT CS PIPE CUL- Lump Sum LS SURFACE TESTING CONCRETE PAVE-	32.8	IVI		32,325	M2	
THICK  15.6 M 450MM CS PIPE CULVERTS, 1.63MM THICK  21.6 M 600MM CS PIPE CULVERTS, 1.63MM THICK  21.6 M 500MM CS PIPE CULVERTS, 1.63MM THICK  21.6 M 500MM CS PIPE CULVERTS, 1.63MM THICK  21.6 M 500MM CS PIPE CULVERTS, 1.63MM THICK  22.6 M 500MM ST PIPE CULVERTS, 1.63MM THICK  23.7 M 500MM BIT COAT CS PIPE CUL-  24.7 M 500MM BIT COAT CS PIPE CUL-  25.7 M 500MM ST PIPE CULVERTS, 1.63MM THICK  26.8 M 500MM ST PIPE CULVERTS, 1.63MM THICK  27.7 M 500MM ST PIPE CULVERTS, 1.63MM THICK  28.7 M 500MM ST PIPE CULVERTS, 1.63MM THICK  29.7 M 500MM ST PIPE CULVERTS, 1.63MM THICK  20.7 M 500MM ST PIPE CULVERTS, 1	57 C					(360MM)
15.6 M 450MM CS PIPE CULVERTS, 1.63MM (360MM) THICK 400 M2 GENERIC PAVING ITEM MILL EXISTING RUMBLE STRIP IN CONCRETE SHOULDER 439.2 M 400MM BIT COAT CS PIPE CUL- Lump Sum LS SURFACE TESTING CONCRETE PAVE-	57.6	M		1,150	M2	
21.6 M 600MM CS PIPE CULVERTS, 1.63MM MILL EXISTING RUMBLE STRIP IN CONCRETE SHOULDER  439.2 M 400MM BIT COAT CS PIPE CUL- Lump Sum LS SURFACE TESTING CONCRETE PAVE-	15.6	M	450MM CS PIPE CULVERTS, 1.63MM			(360MM)
THICK CONCRETE SHOULDER  439.2 M 400MM BIT COAT CS PIPE CUL- Lump Sum LS SURFACE TESTING CONCRETE PAVE-	21.6	М		400	M2	
	21.0	171				CONCRETE SHOULDER
Takin, Titab Loomi tiika	439.2	M		Lump Sum	LS	
			. E. C., THE D LOSMAN THEK			

			30	EA	CABLE GUIDERAIL ANCHOR UNITS
			660	M	GENERIC GUARDRAIL ITEM REMOVE & RESET EXISTING CABLE GUIDERAIL
17,175	M2	CONCRETE SHOULDERS ADJACENT TO *****MM PAVEMENT (WITH DOWELS)	260	M	GENERIC GUARDRAIL ITEM REMOVE EXISTING CABLE GUIDE- RAIL
Lump Sum	LS	(360MM) FIELD LABORATORY RENTAL, PORT	18,250	M	WOVEN WIRE FENCE, 1200MM FAB- RIC
7,050	M3	CEM CONC PAVEMENT SUBDRAIN EXCAVATION	2,860	EA	100MM TIMBER FENCE POSTS,
3,335	M3	SUBDRAIN FINE AGGREGATE	840	EA	2.30M LONG 125MM TIMBER FENCE POSTS,
8,000 800	M EA	150MM PERFORATED SUBDRAIN PIPE 150MM SUBDRAIN PIPE WYES,	450	M	2.50M LONG ADDITIONAL BARBED WIRE
53	EA	TEES, & ELBOWS CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	1,000	EA	GENERIC FENCING ITEM 100MM PLASTIC FENCE POSTS 2.30M LONG
106	M	150MM OUTLET PIPE (SUBDRAINS)	1,010	MTN	PLAIN RIP RAP, CLASS I
11,900 11,900	M M	SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE	120 1,105		PLAIN RIP RAP, CLASS A PLAIN RIP RAP, CLASS B
675	M	100MM OUTLET PIPE (SHOULDER	120	MTN	
66	EA	DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	8,205 26	M2 EA	FILTER FABRIC FOR DRAINAGE PREFORMED SCOUR HOLES WITH
35	MTN	BLOTTING SAND	20	М3	LEVEL SPREADER APRON REINFORCED CONCRETE SIGN FOOT-
63 22	M3 M3	ENDWALLS REINFORCED ENDWALLS			INGS
13	M3	PIPE COLLARS	3 10,561	M3 KG	PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM
2	M3	PIPE PLUGS	1,106	KG	SUPPORTS, SIMPLE STEEL BEAM
197 8	EA M3	MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES	691	M	SUPPORTS, 4.5KG STEEL U-CHANNEL
31	M	MASONRY DRAINAGE STRUCTURES	16	EA	SUPPORTS, 3KG STEEL U-CHANNEL
2 2	EA EA	FRAME WITH TWO CRATES STD	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA
46	EA	FRAME WITH TWO GRATES, STD 840.16 FRAME WITH TWO GRATES, STD	Lump Sum	LS	(ASSY A @ STA 16+80 -I1Y1-) OVERHEAD SIGN ASSEMBLY AT STA
109	EA	840.20 FRAME WITH TWO GRATES, STD			********** (ASSY B @ STA 35+00 -I1Y1-)
8	EA	840.22 FRAME WITH TWO GRATES, STD	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ******** (ASSY C @ STA 17+81.185
22	EA	840.29 FRAME WITH COVER, STD 840.54		1.0	-FLYLWREV-)
1	EA	STEEL FRAME WITH TWO GRATES,	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ********
2	EA	STD 840.37 CONCRETE APRON FOR DROP INLETS	Lump Sum	LS	(ASSY D @ I-40/US-70 I-40 EBL) OVERHEAD SIGN ASSEMBLY AT STA
2	EA	***MM SLUICE GATE (1050MM)	Eurip Guin	Lo	******
4	EA	***MM SLUICE GATE (1150MM)	Lump Sum	LS	(ASSY E @ I-40/US-70 I-40 EBL) OVERHEAD SIGN ASSEMBLY AT STA ********
2	EA	***MM SLUICE GATE (1330MM)	Lump Sum	LS	(ASSY F @ I-40/US-70 I-40 EBL) OVERHEAD SIGN ASSEMBLY AT STA
3	EA EA	***MM SLUICE GATE (375MM)  ***MM SLUICE GATE	Lump Sum	LS	(ASSY G @ I-40/US-70 I-40 EBL) OVERHEAD SIGN ASSEMBLY AT STA
4	EA	(550MM) ***MM SLUICE GATE	Eurip Juni	Lo	********** (ASSY H @ I-40/US-70 US-70
1	EA	(800MM) ***MM SLUICE GATE	Lump Sum	LS	EBL) OVERHEAD SIGN ASSEMBLY AT STA
4	EA	(900MM) ***MM SLUICE GATE			(ASSY I @ I-40/US-70 US-70
2,600	M	(970MM) SHOULDER BERM GUTTER	Lump Sum	LS	EBL) OVERHEAD SIGN ASSEMBLY AT STA
900	M	CONCRETE EXPRESSWAY GUTTER			********** (ASSY J @ I-40/US-70 I-40 WBL)
160	M2	150MM CONCRETE DRIVEWAY	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA
415 103	M2 M2	100MM CONCRETE PAVED DITCH 75MM CONCRETE ISLAND COVERS			*********** (ASSY K @ I-40/US-70 I-40 WBL)
705	M2	125MM MONOLITHIC CONCRETE IS- LANDS (SURFACE MOUNTED)	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ********
260	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			(ASSY L @ I-40/US-70 US-70 EBL)
7	EA	IMPACT ATTENUATOR UNIT, TYPE 350	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA
5,669.28	M	STEEL BM GUARDRAIL			(ASSY M @ I-40/US-70 US-70 WBL)
21.868	M EA	STEEL BM GUARDRAIL, SHOP CURVED STEEL BM GUARDRAIL TERMINAL	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA
20	EA	SECTIONS ADDITIONAL GUARDRAIL POSTS	Lump Sum	LS	(ASSY N @ I-40/US-70 US-70 EBL) OVERHEAD SIGN ASSEMBLY AT STA
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	Eurip Juni	Lo	********** (ASSY O @ I-40/US-70 US-70
34	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	14	EA	WBL) SIGN ERECTION, TYPE D
28	EA	GUARDRAIL ANCHOR UNITS, TYPE III GUARDRAIL ANCHOR UNITS TYPE	54 25	EA EA	SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F
69	EA EA	GUARDRAIL ANCHOR UNITS, TYPE 350 GUARDRAIL ANCHOR UNITS, TYPE	2	EA	SIGN ERECTION, TYPE *** (OVER- HEAD) (A)
10	EA	M-350 GUARDRAIL ANCHOR UNITS, TYPE	24	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
125	M	B-77 REMOVE & STOCKPILE EXISTING	16	EA	(A) SIGN ERECTION, TYPE *** (CROUND MOUNTED)
472.44 4,600	M M	GUARDRAIL TEMPORARY STEEL BM GUARDRAIL DOUBLE FACED CABLE GUIDERAIL	16	EA	(GROUND MOUNTED) (B) SIGN ERECTION, MILEMARKERS
7,000	141	DOODLE I NOLD CADLE OUIDERAIL		-	,

			2,055	M	PORTABLE CONCRETE BARRIER
			7,302	M	(DRAINAGE) RESET PORTABLE CONCRETE BAR-
Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA	200	HR	RIER POLICE
		*****	Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM SMART WORK ZONE SYSTEM
Lump Sum	LS	(ASSY A @ 16+80.00 - 11Y1-) LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA ********	3,944	M	GENERIC TRAFFIC CONTROL ITEM DEPT FURNISHED MOVABLE CONCRETE BARRIER
Lump Sum	LS	(ASSY C @ 17+81.185 -FLYLWREV) LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA	1	EA	GENERIC TRAFFIC CONTROL ITEM ADDITIONAL PORTABLE SMART WORK ZONE VIDEO CAMERAS
		******* (ASSY D @ I-40/US-70 EBL)	1	EA	GENERIC TRAFFIC CONTROL ITEM ADDITIONAL SMART WORK ZONE CHANGEABLE MESSAGE SIGN
Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA ******* (ASSY E © 140/US 70 EPI )	1	EA	GENERIC TRAFFIC CONTROL ITEM ADDITIONAL SMART WORK ZONE SENSOR
Lump Sum	LS	(ASSY E @ 1-40/US-70 EBL) LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA ********	2	EA	GENERIC TRAFFIC CONTROL ITEM TRANSFER AND TRANSPORT VEHICLE FOR MOVABLE CONCRETE BARRIER
Lump Sum	LS	(ASSY F @ I-40/US-70 I-40 EBL) LRS LIGHTING SYSTEM FOR OVER-	1,159	EA	TEMPORARY RAISED PAVEMENT MARKERS
r		HEAD SIGN ASSEMBLY AT STA ******	10,532	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
Lump Sum	LS	(ASSY G @ 1-40/US-70 I-40 EBL) LRS LIGHTING SYSTEM FOR OVER-	7,603	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
		HEAD SIGN ASSEMBLY AT STA *******  (ASSY H @ I-40/US-70 US-70EBL)	28,594	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)
Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA	3,376	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)
		HEAD SIGN ASSEMBLT AT STA ******* (ASSY I @ I-40/US-70 US-70EBL)	115	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA	1,816	M	THERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)
		******* (ASSY J @ I-40/US-70 I-40 WBL)	148	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA	16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
		******** (ASSY K @ I-40/US-70 I-40 WBL)	52	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA	20,102	M	EPOXY PAVEMENT MARKING LINES (150MM)
I man Com	10	(ASSY L @ I-40/US-70 US-70EBL)	1,054	M	EPOXY PAVEMENT MARKING LINES (300MM)
Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA ******	20 58,946	EA M	EPOXY PAVEMENT MARKING SYMBOL PAINT PAVEMENT MARKING LINES
Lump Sum	LS	(ASSY M @ I-40/US-70 US-70WBL) LRS LIGHTING SYSTEM FOR OVER-	129,250	M	(100MM) PAINT PAVEMENT MARKING LINES
p 24111		HEAD SIGN ASSEMBLY AT STA ******	24	M	(150MM) PAINT PAVEMENT MARKING LINES
Lump Sum	LS	(ASSY O @ I-40/US-70 US-70WBL) STATIC LIGHTING SYSTEM FOR	384	M	(200MM) PAINT PAVEMENT MARKING LINES
		OVERHEAD SIGN ASSEMBLY AT STA ******** (ASSY B @ 35+00-11V1-)	32	EA	(600MM) PAINT PAVEMENT MARKING CHARACTER
Lump Sum	LS	(ASSY B @ 35+00 -I1Y1-) STATIC LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA	114	EA	PAINT PAVEMENT MARKING SYMBOL
		OVERHEAD SIGN ASSEMBLY AT STA ********  (ASSY N @ I-40/US-70 US-70EBL)	1,200	M	REMOVAL OF PAVEMENT MARKING LINES (100MM) REMOVAL OF PAVEMENT MARKING
4	EA	RELOCATE SIGN, TYPE ***** (A)	35,676	M	LINES (150MM)
2	EA	RELOCATE SIGN, TYPE ***** (D)	1,044	EA EA	PERMANENT RAISED PAVEMENT MARKERS SNOWPLOWABLE PAVEMENT MARKERS
1	EA	RELOCATE SIGN, TYPE ***** (E)	516	EA EA	2.1M U-CHANNEL POSTS
3	EA	DISPOSAL OF SUPPORT, STEEL	128 73	EA EA	FLEXIBLE DELINEATORS (CRYSTAL) FLEXIBLE DELINEATORS (YELLOW)
1	EA	BEAM DISPOSAL OF SUPPORT, WOOD	10	EA	FLEXIBLE DELINEATORS (CRYSTAL
10	EA	DISPOSAL OF SIGN SYSTEM, OVER- HEAD	10	EA	& RED) FLEXIBLE DELINEATORS (YELLOW &
12	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	9	EA	RED) OBJECT MARKERS (END OF ROAD)
22	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	213	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ******** (VI)
1 3	EA EA	DISPOSAL OF SIGN SYSTEM, WOOD DISPOSAL OF SUPPORT, U-CHANNEL	213	MTN	(VI) BEDDING MATERIAL, UTILITIES CLASS ***********
2	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)	30	MTN	(VI) PAVEMENT REPAIR FOR UTILITY
97 52	M2 M2	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE)	19	MIN	WORK 150MM DI WATER PIPE, PC
11	M2	WORK ZONE SIGNS (FORTABLE) WORK ZONE SIGNS (BARRICADE MOUNTED)	81	M	2.41MPA 200MM DI WATER PIPE, PC
2 4	EA EA	FLASHING ARROW PANELS, TYPE C CHANGEABLE MESSAGE SIGNS	123	M	2.41MPA 300MM DI WATER PIPE, PC
500	EA EA	DRUMS			2.41MPA
100	EA	CONES	486	M	400MM DI WATER PIPE, PC ***MPA (PC 1.72MPA)
118 1,080	M HR	BARRICADES (TYPE III) FLAGGER	114	M	200MM PVC WATER PIPE, SDR 21,
4	EA	TEMPORARY CRASH CUSHIONS	268	M	1.38MPA WP 300MM PVC WATER PIPE, SDR 21,
6 4	EA EA	RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA-	1,302	KG	1.38MPA WP DUCTILE IRON WATER PIPE FIT-
6,166	M	TOR (60 MPH) PORTABLE CONCRETE BARRIER	1,302		TINGS, 1.72MPA MIN WP

Page: 13 of 33

			363	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, *****MM (** CONDUIT) (50MM, 1)
	EA	*** V *** AM TARRING GI FEVE	29	EA	JUNCTION BOX (STANDARD SIZE)
1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP	6	EA	JUNCTION BOX (OVER-SIZED)
		(400MM X 150MM, 1.38MPA WP)	8	EA	WOOD POLE
1	EA	***MM AIR RELEASE VALVE & MAN-	10	EA	GUY ASSEMBLY
		HOLE	3	EA	25MM RISER WITH WEATHERHEAD
	F.4	(50MM, SEWER)	4	EA	50MM RISER WITH WEATHERHEAD
1	EA	***MM AIR RELEASE VALVE & MAN- HOLE	3	EA	50MM RISER WITH HEAT SHRINK TUBING
		(50MM, WATER)	734	M	INDUCTIVE LOOP SAWCUT
3	EA	RELOCATE EXISTING FIRE HYDRANT	1,915	M	LEAD-IN CABLE
385	M	***MM PVC FORCE MAIN SEWER	3	EA	MICROWAVE VEHICLE DETECTOR
		PIPE, **********	958	M	COMMUNICATIONS CABLE (**FIBER)
20		(200MM, SDR 21, 1.38MPA WP)			(12)
20	M	250MM DI SEWER PIPE, PC 2.41MPA	3	EA	INTERCONNECT CENTER
40	M	***MM DI FORCE MAIN SEWER PIPE	6	EA	DELINEATOR MARKER
		PC ****MPA	1	EA	FURNISH FIBER-OPTIC TRANSCEIV-
		(150MM, 2.41MPA)		г.	ER
103	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA	3	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE
		(200MM, PC 2.41MPA)	3	EA	DOUBLE MAST ARM WITH METAL
223	KG	DUCTILE IRON SEWER PIPE FIT-	_		POLE
		TINGS, 1.72MPA MIN WP	6	EA	SOIL TEST
2	EA	1200MM DIA PRECAST CONC SEWER	30	M	DRILLED PIER FOUNDATION (***MM
_		MANHOLE 0-1.8M DEPTH			DIA) (1066MM)
5	M	PRECAST CONC MANHOLE WALL,  ****MM DIA, OVER 1.8M HT	6	EA	MAST ARM WITH METAL POLE DE-
		(1200MM)	O .	LA	SIGN
477	M	FILL OR REMOVE ABANDONED ***MM	12	EA	SIGN FOR SIGNALS
		PIPE, *********	3	EA	SIGNAL CABINET FOUNDATION
2.45		(200MM, PVC FORCE MAIN SEWER)	3	EA	CABINET BASE ADAPTER
345	M	FILL OR REMOVE ABANDONED 300MM PIPE, ********	3	EA	CONTROLLER WITH CABINET (TYPE
		(PVC WATER)			2070L, BASE MOUNTED)
468	M	FILL OR REMOVE ABANDONED 400MM	25	EA	DETECTOR CARD (TYPE 2070L)
		PIPE, *********	3	EA	GENERIC SIGNAL ITEM FIBER OPTIC TRANSCEIVER SELF
		(DI WATER)			HEALING RING
4	EA	BREAK DOWN, PLUG, & FILL ABAN- DONED UTILITY MANHOLE	65	M	GENERIC SIGNAL ITEM
185	M	***MM STEEL ENCASEMENT PIPE,			UNDERGROUND POLY CONDUIT, 50MM
105	IVI	****MM THICK, BY OPEN CUT			(1 CONDUIT)
		(600MM, 6.35MM)			
1	EA	GENERIC UTILITY ITEM			
44.500		REMOVE EXISTING FIRE HYDRANT			CULVERT ITEMS
14,730	M	TEMPORARY SILT FENCE			
1,725	MTN	STONE FOR EROSION CONTROL, CLASS A			
15,235	MTN	STONE FOR EROSION CONTROL,	Lump Sum	LS	CULVERT EXCAVATION, STA *****
			1		
		CLASS B	•		(37+11.500 -L-)
8,600	MTN	SEDIMENT CONTROL STONE	Lump Sum	LS	(37+11.500 -L-) CULVERT EXCAVATION, STA *****
118.5	HA	SEDIMENT CONTROL STONE TEMPORARY MULCHING	Lump Sum	LS	(37+11.500 -L-) CULVERT EXCAVATION, STA ***** (57 + 17.000 -L-)
118.5 5,550	HA KG	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING	Lump Sum		(37+11.500 -L-) CULVERT EXCAVATION, STA ***** (57 + 17.000 -L-)
118.5	HA	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED-	Lump Sum	LS	(37+11.500 -L-) CULVERT EXCAVATION, STA ***** (57 + 17.000 -L-) FOUNDATION CONDITIONING MATER-
118.5 5,550 44.75	HA KG MTN	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED-ING	Lump Sum 489 666.2 54,658	LS MTN M3 KG	(37+11.500 -L-) CULVERT EXCAVATION, STA ****** (57 + 17.000 -L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT)
118.5 5,550 44.75	HA KG MTN M	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS	Lump Sum 489 666.2	LS MTN M3	(37+11.500 -L-) CULVERT EXCAVATION, STA ****** (57 + 17.000 -L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT)
118.5 5,550 44.75	HA KG MTN	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED-ING	Lump Sum 489 666.2 54,658	LS MTN M3 KG	(37+11.500 -L-) CULVERT EXCAVATION, STA ****** (57 + 17.000 -L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT)
118.5 5,550 44.75	HA KG MTN M	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY	Lump Sum 489 666.2 54,658	LS MTN M3 KG	(37+11.500 -L-) CULVERT EXCAVATION, STA ****** (57 + 17.000 -L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT)
118.5 5,550 44.75 710 53 13,045 425,920	HA KG MTN M EA M	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION	Lump Sum 489 666.2 54,658	LS MTN M3 KG	(37+11.500 -L-) CULVERT EXCAVATION, STA ****** (57 + 17.000 -L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT)
118.5 5,550 44.75 710 53 13,045 425,920 250,400	HA KG MTN M EA M M3 M2	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL	Lump Sum 489 666.2 54,658	LS MTN M3 KG	(37+11.500 -L-) CULVERT EXCAVATION, STA ****** (57 + 17.000 -L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450	HA KG MTN  M EA  M M3 M2 M2	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT	Lump Sum  489  666.2  54,658  70	LS MTN M3 KG	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS
118.5 5,550 44.75 710 53 13,045 425,920 250,400	HA KG MTN M EA M M3 M2	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT	Lump Sum 489 666.2 54,658	LS MTN M3 KG	(37+11.500 -L-) CULVERT EXCAVATION, STA ****** (57 + 17.000 -L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, &
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85	HA KG MTN  M EA  M M3 M2 M2 M2	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT	Lump Sum  489  666.2  54,658  70	LS MTN M3 KG MTN	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450	HA KG MTN  M EA  M M3 M2 M2	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT	Lump Sum  489  666.2  54,658  70	LS MTN M3 KG MTN	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100	HA KG MTN  M EA  M M3 M2 M2 M2 M2	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH	Lump Sum  489  666.2  54,658  70	LS MTN M3 KG MTN	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100	HA KG MTN  M EA  M M3 M2 M2 M2 M2 M4	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS	Lump Sum  489  666.2  54,658  70  Lump Sum	LS MTN M3 KG MTN	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57 + 17.000 -L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8	HA KG MTN  M EA  M M3 M2 M2 M2 M2 M2 M2	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING	Lump Sum  489  666.2  54,658  70  Lump Sum	LS MTN M3 KG MTN  LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57 + 17.000 -L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450	HA KG MTN  M EA  M M3 M2 M2 M2 M4 M4 M5 M4 M5 M6 M6 M6 M6 M7 M7 M7 M8	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING	Lump Sum  489  666.2  54,658  70  Lump Sum	LS MTN M3 KG MTN	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57 + 17.000 -L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66	HA KG MTN  M EA  M M3 M2 M2 M2 M4 M3 EA HA HA KG MTN	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING	Lump Sum  489  666.2  54,658  70  Lump Sum	LS MTN M3 KG MTN  LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 3,725	HA KG MTN  M EA  M M3 M2 M2 M2 M2 M4 M3 EA HA KG MTN KG	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING	Lump Sum  489  666.2  54,658  70  Lump Sum	LS MTN M3 KG MTN  LS	(37+11.500 -L-) CULVERT EXCAVATION, STA ****** (57 + 17.000 -L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 5 3,725 221	HA KG MTN  M EA  M M3 M2 M2 M2 M4 M3 EA  M M3 EA  HA KG MTN  KG MTN	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING FERTILIZER TOPDRESSING	Lump Sum  489  666.2  54,658  70  Lump Sum  Lump Sum	LS MTN M3 KG MTN LS LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 3,725 221 120	HA KG MTN  M EA  M M3 M2 M2 M2 M4 M3 EA  HA HA KG MTN M  KG MTN M	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING FERTILIZER TOPPRESSING IMPERVIOUS DIKE	Lump Sum  489  666.2  54,658  70  Lump Sum  Lump Sum  Lump Sum  Lump Sum	LS MTN M3 KG MTN LS LS LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 3,725 221 120 89	HA KG MTN  M EA  M3 M2 M2 M2 M2 M4 M3 EA  M7 M3 EA  M7 M7 M1 M1 M7 M7 M1 MR	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING	Lump Sum  489  666.2  54,658  70  Lump Sum  Lump Sum	LS MTN M3 KG MTN LS LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 3,725 221 120 89 56	HA KG MTN  M EA  M3 M2 M2 M2 M2 M4 M3 EA  HA KG MTN KG MTN M HR EA	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL	Lump Sum  489  666.2  54,658  70  Lump Sum  Lump Sum  Lump Sum  Lump Sum  Lump Sum	LS MTN M3 KG MTN LS LS LS LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 3,725 221 120 89 56 654	HA KG MTN  M EA  M3 M2 M2 M2 M2 M4 M3 EA  M7 M3 EA  M7 M7 M1 M1 M7 M7 M1 MR	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CULVERT DIVERSION CHANNEL	Lump Sum  489  666.2  54,658  70  Lump Sum  Lump Sum  Lump Sum  Lump Sum	LS MTN M3 KG MTN LS LS LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 3,725 221 120 89 56	HA KG MTN  M EA  M3 M2 M2 M2 M2 M3 EA HA HA KG MTN KG MTN M HR EA M3	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CULVERT DIVERSION CHANNEL REFORESTATION	Lump Sum  489  666.2  54,658  70  Lump Sum  Lump Sum  Lump Sum  Lump Sum  Lump Sum	LS MTN M3 KG MTN LS LS LS LS	(37+11.500 -L-) CULVERT EXCAVATION, STA ****** (57 + 17.000 -L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 3,725 221 120 89 56 654	HA KG MTN  M EA  M M3 M2 M2 M2 M2 M4 M3 EA HA	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CULVERT DIVERSION CHANNEL	Lump Sum  489  666.2  54,658  70  Lump Sum  Lump Sum  Lump Sum  Lump Sum  Lump Sum  Lump Sum	LS MTN M3 KG MTN LS LS LS LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 5 3,725 221 120 89 56 664 4.5 0.13	HA KG MTN  M EA  M M3 M2 M2 M2 M4 M3 EA HA	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING FERTILIZER TOPPRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CULVERT DIVERSION CHANNEL REFORESTATION STREAMBANK REFORESTATION	Lump Sum  489  666.2  54,658  70  Lump Sum  Lump Sum  Lump Sum  Lump Sum  Lump Sum	LS MTN M3 KG MTN LS LS LS LS LS LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 5 3,725 221 120 89 56 664 4.5 0.13	HA KG MTN  M EA  M M3 M2 M2 M2 M4 M3 EA HA	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CULVERT DIVERSION CHANNEL REFORESTATION STREAMBANK REFORESTATION GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM	Lump Sum  489 666.2 54,658 70  Lump Sum	LS MTN M3 KG MTN LS LS LS LS LS LS LS LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 3,725 221 120 89 56 654 4,5 0,13 16	HA KG MTN  M EA  M3 M2 M2 M2 M2 M4 M3 EA  M6 M7 M1 M1 HA	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR REOSION CONTROL CULVERT DIVERSION CHANNEL REFORESTATION STREAMBANK REFORESTATION GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM FESPONSE FOR RESEARCH	Lump Sum  489  666.2  54,658  70  Lump Sum  Lump Sum  Lump Sum  Lump Sum  Lump Sum  Lump Sum	LS MTN M3 KG MTN LS LS LS LS LS LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 3,725 221 120 89 56 654 4.5 0.13 16 30	HA KG MTN  M EA  M M3 M2 M2 M2 M2 M4 M3 EA  M1 M3 HA	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CULVERT DIVERSION CHANNEL REFORESTATION STREAMBANK REFORESTATION GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM RESPONSE FOR RESEARCH SIGNAL CABLE	Lump Sum  489 666.2 54,658 70  Lump Sum	LS MTN M3 KG MTN LS LS LS LS LS LS LS LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 3,725 221 120 89 56 654 4,5 0,13 16	HA KG MTN  M EA  M3 M2 M2 M2 M2 M4 M3 EA  M6 M7 M1 M1 HA	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CULVERT DIVERSION CHANNEL REFORESTATION STREAMBANK REFORESTATION GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM FESPONSE FOR RESEARCH SIGNAL CABLE VEHICLE SIGNAL HEAD (300MM, 3	Lump Sum 489 666.2 54,658 70  Lump Sum	LS MTN M3 KG MTN LS LS LS LS LS LS LS LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 3,725 221 120 89 56 654 4.5 0.13 16 30	HA KG MTN  M EA  M M3 M2 M2 M2 M2 M4 M3 EA  M1 M3 HA	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CULVERT DIVERSION CHANNEL REFORESTATION STREAMBANK REFORESTATION GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM RESPONSE FOR RESEARCH SIGNAL CABLE	Lump Sum  489 666.2 54,658 70  Lump Sum	LS MTN M3 KG MTN LS LS LS LS LS LS LS LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 3,725 221 120 89 56 654 4.5 0.13 16 30 610 19	HA KG MTN  M EA  M M3 M2 M2 M2 M2 M3 EA HA HA HA HA HA EA M3 HA HA EA  M EA	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CULVERT DIVERSION CHANNEL REFORESTATION STREAMBANK REFORESTATION GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM RESPONSE FOR RESEARCH SIGNAL CABLE VEHICLE SIGNAL HEAD (300MM, 3 SECTION)	Lump Sum 489 666.2 54,658 70  Lump Sum	LS MTN M3 KG MTN LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 3,725 221 120 89 56 654 4.5 0.13 16 30 610 19	HA KG MTN  M EA  M M3 M2 M2 M2 M2 M3 EA HA HA HA HA HA EA M3 HA HA EA  M EA	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CULVERT DIVERSION CHANNEL REFORESTATION STREAMBANK REFORESTATION GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM RESPONSE FOR RESEARCH SIGNAL CABLE VEHICLE SIGNAL HEAD (300MM, 3 SECTION) VEHICLE SIGNAL HEAD (300MM, 5	Lump Sum 489 666.2 54,658 70  Lump Sum	LS MTN M3 KG MTN LS LS LS LS LS LS LS LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 3,725 221 120 89 56 654 4.5 0.13 16 30 610 19 5	HA KG MTN  M EA  M M3 M2 M2 M2 M2 M3 EA HA HA HA HA HA EA M3 HA HA EA  M EA  M M M  M  M  M  M  M  M  M  M  M  M	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CULVERT DIVERSION CHANNEL REFORESTATION STREAMBANK REFORESTATION GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM RESPONSE FOR RESEARCH SIGNAL CABLE VEHICLE SIGNAL HEAD (300MM, 3 SECTION) WESSENGER CABLE (6.35MM) MESSENGER CABLE (6.35MM)	Lump Sum 489 666.2 54,658 70  Lump Sum	LS MTN M3 KG MTN LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 3,725 221 120 89 56 654 4.5 0.13 16 30 610 19 5	HA KG MTN  M EA  M M3 M2 M2 M2 M2 M3 EA HA HA HA HA EA  M M HR EA  M M HA EA  M M M	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CULVERT DIVERSION CHANNEL REFORESTATION STREAMBANK REFORESTATION GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMER FAIRCLOTH SKIMMER FAIRCLOTH SKIMER FAIRCLOTH SKIMER FAIRCLOTH	Lump Sum 489 666.2 54,658 70  Lump Sum	LS MTN M3 KG MTN LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
118.5 5,550 44.75 710 53 13,045 425,920 250,400 1,450 85 2,100 135 8 132 66 1,450 5 3,725 221 120 89 56 654 4.5 0.13 16 30 610 19 5	HA KG MTN  M EA  M M3 M2 M2 M2 M2 M3 EA HA HA HA HA HA EA M3 HA HA EA  M EA  M M M  M  M  M  M  M  M  M  M  M  M	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH STILLING BASINS SPECIAL STILLING BASINS SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CULVERT DIVERSION CHANNEL REFORESTATION STREAMBANK REFORESTATION GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER GENERIC EROSION CONTROL ITEM RESPONSE FOR RESEARCH SIGNAL CABLE VEHICLE SIGNAL HEAD (300MM, 3 SECTION) WESSENGER CABLE (6.35MM) MESSENGER CABLE (6.35MM)	Lump Sum 489 666.2 54,658 70  Lump Sum	LS MTN M3 KG MTN LS	(37+11.500-L-) CULVERT EXCAVATION, STA ****** (57+17.000-L-) FOUNDATION CONDITIONING MATERIAL, BOX CULVERT CLASS A CONCRETE (CULVERT) REINFORCING STEEL (CULVERT) PLAIN RIP RAP CLASS B  STRUCTURE ITEMS  CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************

Page: 14 of 33

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION **********
Lump Sum	LS	(2,28+31.359-I1Y1-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************
Lump Sum	LS	(3,27+51.601-I1Y1-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************
Lump Sum	LS	(3,28+31.359-I1Y1-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
337.2	M	(4,28+31.359-I1Y1-) 1066MM DIA DRILLED PIERS IN SOIL
48.5	M	1066MM DIA DRILLED PIERS NOT IN SOIL
57.5	M	PERMANENT STEEL CASING FOR 1066MM DRILLED PIER
6	EA	SID INSPECTION
18	EA	SPT TESTING
1.646	EA	CROSSHOLE SONIC LOGGING
1,646	M M2	CSL TUBES
20,477.4		REINFORCED CONCRETE DECK SLAB
19,066.6 3,341	M2 M3	GROOVING BRIDGE FLOORS
		CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	**************************************
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************** (19+25.877 -I1Y1-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION **************** (28+31.359-11Y1-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION **************** (40+80.000 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************* (40+96.000 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************* (52+34.693 -L-)
322,894	KG	REINFORCING STEEL (BRIDGE)
298	KG	EPOXY COATED REINFORCING STEEL (BRIDGE)
23,332	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
2,395.3	M	1372MM PRESTRESSED CONCRETE GIRDERS
1,453.952	M	MODIFIED 1600MM PRESTRESSED CONC GIRDERS
1,881,960	LS	APPROX KG STRUCTURAL STEEL
8,401.9	M	HP310X79 STEEL PILES
1,499	M	HP360X108 STEEL PILES
Lump Sum	LS	GALVANIZING STEEL PILES AT STA
Lump Sum	LS	(40+80.000 -L-) GALVANIZING STEEL PILES AT STA **************
		(40+96.000 -L-)
3,244.586	M	CONCRETE BARRIER RAIL
1,775	M2	100MM SLOPE PROTECTION
1,120	MTN	PLAIN RIP RAP, CLASS **
1,815	MTN	(I) PLAIN RIP RAP CLASS II (600MM THICK)
2,995	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	MODULAR EXPANSION JOINT SEALS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM, STA
•		**************************************
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM, STA ***********************************
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM, STA ************** (28+31 359.HVL-)

(28+31.359-I1Y1-)

 $\begin{array}{ccc} \text{Lump Sum} & \text{LS} & \begin{array}{c} \text{STRUCTURE DRAINAGE SYSTEM, STA} \\ & *********** \\ & (40+80.000 \text{ -L-}) \end{array}$ 

Page: 15 of 33

L050517 008

#### STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C201209 34459.3.5 DIV OFFICE WILSON LENGTH = 10.055 KM

COUNTY : JOHNSTON

GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS & STRUCTURES.

MBE GOAL 8.0% WBE 7.0% COMPLETION DATE: JUN 15 2009

#### US-70 BYPASS (CLAYTON BYPASS) FROM EAST OF NC-42 TO US-70.

		ROADWAY ITEMS	2,210.4	M	600MM RC PIPE CULVERTS, CLASS
			1,414.8	M	III 750MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	MOBILIZATION	768	M	900MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	CLEARING & GRUBBING HEC- TARE(S)	251.2		III
2.8	HA	SUPPLEMENTARY CLEARING & GRUB- BING	271.2	M	1050MM RC PIPE CULVERTS, CLASS III
17	EA	SEALING ABANDONED WELLS	216	M	1200MM RC PIPE CULVERTS, CLASS
1,995,000	M3	UNCLASSIFIED EXCAVATION	100.8	M	1350MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	124.8	M	III 1500MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	(109+56 -L2- LT) REINFORCED BRIDGE APPROACH FILL, STATION ************************************	97.2	M	III 1650MM RC PIPE CULVERTS, CLASS
		(110+37 -L2- RT)	15.6	M	III 1800MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********	223.2	M	III ****MM RC PIPE CULVERTS, CLASS
I C	1.0	(121+97.067 -L2- LT)	223.2	IVI	IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION *********	120		(1050MM)
		(122+10 -L2- RT)	120	M	****MM RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	<b>5</b> 0		(1200MM)
		(14+25.470 -Y7-)	78	M	****MM RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************			(1350MM)
		(14+72.000 -Y11- REV)	140.4	M	****MM RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********			(1500MM)
		(23+92.415 - Y4- RT)	57.6	M	****MM RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH			(450MM)
		FILL, STATION ************************************	176.4	M	****MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************			IV (600MM)
		(78+40.150 -L- LT)	68.4	M	****MM RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION *********			(750MM)
		(78+40.150 -L- RT)	88.5	M	****MM RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********			(900MM)
		(9+29.615 FLYOVER)	33.6	M	400MM CS PIPE CULVERTS, 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********	67.2	M	450MM CS PIPE CULVERTS, 1.63MM
		(97+46.928 -L- LT)	712.8	M	THICK  ****MM BIT COAT CS PIPE CUL-
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION *********	/12.6	IVI	VERTS, TYPE A ****MM THICK
		(97+46.928 -L- RT)	28.8	M	(400MM, 1.63MM) ****MM BIT COAT CS PIPE CUL-
62,800	M3	UNDERCUT EXCAVATION	26.6	IVI	VERTS, TYPE A ****MM THICK
1,500	MTN	CLASS IV SUBGRADE STABILIZA- TION	0.4		(450MM, 1.63MM)
556,000	M3	BORROW EXCAVATION	8.4	M	****MM BIT COAT CS PIPE CUL- VERTS, TYPE A ****MM THICK
4	EA	EMBANKMENT SETTLEMENT GAUGES			(600MM, 1.63MM)
61,900 1,555	M3 M	DRAINAGE DITCH EXCAVATION BERM DITCH CONSTRUCTION	51.6	M	****MM BIT COAT CS PIPE CUL- VERTS, TYPE A ****MM THICK
44,950	M2	REMOVAL OF EXISTING ASPHALT			(800MM, 2.01MM)
		PAVEMENT	7.2	M	****MM BIT COAT CS PIPE CUL- VERTS, TYPE A ****MM THICK
8,800	M2	BREAKING OF EXISTING ASPHALT PAVEMENT			(900MM, 2.01MM)
110	HR	PROOF ROLLING	63	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE A ****MM THICK
60,800	M3	SELECT GRANULAR MATERIAL			(400MM, 1.63MM)
16,900 50	M2 M2	FABRIC FOR SOIL STABILIZATION TEMPORARY SHORING	3	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE A ****MM THICK
1,900	M2	GENERIC GRADING ITEM			(450MM, 1.63MM)
		ROCK PLATTING	1	EA	***MM BIT COAT CS PIPE ELBOWS,
100	MTN	GENERIC GRADING ITEM DISPOSAL OF CONTAMINATED SOIL			TYPE A ****MM THICK (600MM, 1.63MM)
11,955	MTN	SELECT MATERIAL, CLASS II	1	EA	***MM BIT COAT CS PIPE ELBOWS,
		SELECT MATERIAL, CLASS III			TYPE A ****MM THICK (900MM, 2.01MM)
	MTN MTN	SELECT MATERIAL, CLASS IV FOUNDATION CONDITIONING MATE-	256.8	M	400MM BIT COAT CS PIPE CUL-
4,133	IVIIIV	RIAL, MINOR STRS	04.0		VERTS, TYPE B 1.63MM THICK
207.6	M	375MM SIDE DRAIN PIPE	94.8	M	450MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK
42 7.2	M M	450MM SIDE DRAIN PIPE 600MM SIDE DRAIN PIPE	19	EA	400MM BIT COAT CS PIPE ELBOWS,
3,815.6	M	375MM RC PIPE CULVERTS, CLASS	8	EA	TYPE B 1.63MM THICK 450MM BIT COAT CS PIPE ELBOWS,
1,495.2	M	III 450MM RC PIPE CULVERTS, CLASS			TYPE B 1.63MM THICK
1,775.2	141	III	1	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK

Page: 16 of 33

			2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
52.8	M	****MM WELDED STEEL PIPE, ****MM THICK, GRADE B, INSTAL-	2	EA	(E) FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
54	M	LED BY BORING & JACKING (1650MM, 22MM) ****MM WELDED STEEL PIPE,	2	EA	(F) FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
54	IVI	*****MM THICK, GRADE B, INSTAL- LED BY BORING & JACKING (375MM, 7MM)	6	EA EA	(G) FRAME WITH COVER, STD 840.54 STEEL FRAME WITH TWO GRATES,
15.6	M	****MM WELDED STEEL PIPE,			STD 840.37
		****MM THICK, GRADE B, INSTAL- LED BY BORING & JACKING	805 1,970	M M	750MM CONCRETE CURB & GUTTER SHOULDER BERM GUTTER
51.6	M	(450MM, 8MM) ****MM WELDED STEEL PIPE,	350	M	***MM CONCRETE GUTTER (200MM X 300MM)
		****MM THICK, GRADE B, INSTAL- LED BY BORING & JACKING	7	EA	MODIFIED CONCRETE FLUME
		(600MM, 13MM)	3,230 30	M M2	CONCRETE EXPRESSWAY GUTTER 150MM CONCRETE DRIVEWAY
1,884.4	M	PIPE REMOVAL	225	M2	100MM CONCRETE PAVED DITCH
410 150	M2 M2	150MM SLOPE PROTECTION GENERIC GRADING ITEM 100MM MEDIAN SLOPE PROTECTION	150	M2	125MM MONOLITHIC CONCRETE IS- LANDS (SURFACE MOUNTED)
Lump Sum	LS	FINE GRADING	50	M2	125MM MONOLITHIC CONCRETE IS- LANDS (KEYED IN)
109,000	M2	LIME TREATED SOIL (SLURRY METHOD)	345	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
1,240 2.7		LIME FOR LIME TREATED SOIL #57 STONE	6	EA EA	ADJUSTMENT OF DROP INLETS CONVERT EXISTING DROP INLET TO
1,000		STABILIZER AGGREGATE	1	EA	JUNCTION BOX
275,200 167,700	MTN M2	AGGREGATE BASE COURSE ***MM SOIL CEMENT BASE	4	EA	IMPACT ATTENUATOR UNIT, TYPE 350
5,050	MTN	(180MM) PORTLAND CEMENT FOR SOIL CE-	14,317.98 104.61	M M	STEEL BM GUARDRAIL STEEL BM GUARDRAIL, SHOP
440	MTN	MENT BASE AGGREGATE FOR SOIL CEMENT BASE	16	EA	CURVED STEEL BM GUARDRAIL TERMINAL
188,100	L	ASPHALT CURING SEAL			SECTIONS
400 149,000	MTN L	INCIDENTAL STONE BASE PRIME COAT	20 5	EA EA	ADDITIONAL GUARDRAIL POSTS GUARDRAIL ANCHOR UNITS, TYPE
80	M2	INCIDENTAL MILLING	31	EA	AT-1 GUARDRAIL ANCHOR UNITS, TYPE
1,010 53,750		ASPHALT CONC BASE COURSE, TYPE B25.0B ASPHALT CONC BASE COURSE, TYPE	44	EA	CAT-1 GUARDRAIL ANCHOR UNITS, TYPE
		B25.0C	56	EA	III GUARDRAIL ANCHOR UNITS, TYPE
5,600		ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	15	EA	350 GUARDRAIL ANCHOR UNITS, TYPE
71,900	MTN	COURSE, TYPE 119.0C			M-350
9,025	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	8	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
23,170	MTN	ASPHALT CONC SURFACE COURSE, TYPE \$9.5C	6,335 22	M EA	DOUBLE FACED CABLE GUIDERAIL CABLE GUIDERAIL ANCHOR UNITS
3,500	MTN	ASPHALT CONC SURFACE COURSE,	20,900	M	WOVEN WIRE FENCE, 1200MM FAB- RIC
59,500	MTN	TYPE SF9.5A ASPHALT CONC SURFACE COURSE, TYPE S12.5C	4,245	EA	100MM TIMBER FENCE POSTS, 2.30M LONG
6,728	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	1,230	EA	125MM TIMBER FENCE POSTS, 2.50M LONG
4,740	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	15	M	CHAIN LINK FENCE, ****MM FABRIC
770	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR	1,070	M	(1800MM) CHAIN LINK FENCE, 1200MM
39,825	M	MILLED RUMBLE STRIPS			FABRIC
9,700	M3	SUBDRAIN EXCAVATION	3	EA	METAL LINE POSTS FOR ****MM CHAIN LINK FENCE
4,850 11,700	M3 M	SUBDRAIN FINE AGGREGATE 150MM PERFORATED SUBDRAIN PIPE			(1800MM)
1,170	EA	150MM SUBDRAIN PIPE WYES,	295	EA	METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE
106	EA	TEES, & ELBOWS CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	2	EA	METAL TERMINAL POSTS FOR ****MM CHAIN LINK FENCE
156	M	150MM OUTLET PIPE (SUBDRAINS)	22	EA	(1800MM) METAL TERMINAL POSTS FOR
7,840	M	SHOULDER DRAIN	22	LA	1200MM CHAIN LINK FENCE
7,840	M	100MM SHOULDER DRAIN PIPE	700	M	ADDITIONAL BARBED WIRE
780	M	100MM OUTLET PIPE (SHOULDER DRAINS)			PLAIN RIP RAP, CLASS I PLAIN RIP RAP, CLASS II
63	EA	CONCRETE PAD FOR SHOULDER	10		PLAIN RIP RAP, CLASS A
40	MTNI	DRAIN PIPE OUTLET BLOTTING SAND	3,300		PLAIN RIP RAP, CLASS B
40 45.3	MTN M3	ENDWALLS	170	MTN	BOULDERS
35.1	М3	REINFORCED ENDWALLS	22,805	M2 EA	FILTER FABRIC FOR DRAINAGE
11.2	M3	PIPE COLLARS	21	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
1	M3	PIPE PLUGS	19	M3	REINFORCED CONCRETE SIGN FOOT-
278 33.907	EA M	MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES	3	М3	INGS PLAIN CONCRETE SIGN FOOTINGS
11	EA	FRAME WITH GRATE, STD 840.22	5,919	KG	SUPPORTS, BREAKAWAY STEEL BEAM
2	EA	FRAME WITH TWO GRATES, STD 840.16	4,053 1,359	KG M	SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL
59	EA	FRAME WITH TWO GRATES, STD 840.20	24	EA	U-CHANNEL SUPPORTS, 3KG STEEL U-CHANNEL
187	EA	FRAME WITH TWO GRATES, STD 840.22	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA
8	EA	FRAME WITH TWO GRATES, STD 840.24	ī G	1.0	(ASSY "A" @ STA. 118+50)
4	EA	FRAME WITH TWO GRATES, STD 840.29	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ********************************

Page: 17 of 33

			80	EA	PAINT PAVEMENT MARKING CHARAC- TER
Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA	180 1,500	EA M	PAINT PAVEMENT MARKING SYMBOL REMOVAL OF PAVEMENT MARKING
Zump Sum	20	**************************************	2,300	EA	LINES (100MM) PERMANENT RAISED PAVEMENT
Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA	18	EA	MARKERS 2.1M U-CHANNEL POSTS
10	EA	(ASSY "D" @ STA. 150+80)	90 65	EA EA	FLEXIBLE DELINEATORS (CRYSTAL) FLEXIBLE DELINEATORS (YELLOW)
18 152	EA	SIGN ERECTION, TYPE D SIGN ERECTION, TYPE E	35	EA	FLEXIBLE DELINEATORS (CRYSTAL
43 17	EA EA	SIGN ERECTION, TYPE F SIGN ERECTION, TYPE ***	35	EA	& RED) FLEXIBLE DELINEATORS (YELLOW &
.,	2.1	(GROUND MOUNTED) (A)	18	EA	RED) OBJECT MARKERS (END OF ROAD)
24	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	954	MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ********
24	EA	(B) SIGN ERECTION, MILEMARKERS	954	MTN	(VI) BEDDING MATERIAL, UTILITIES
Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA			CLASS ********* (VI)
		******* (ASSY "D" @ STA. 150+80)	50	MTN	PAVEMENT REPAIR FOR UTILITY WORK
Lump Sum	LS	STATIC LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA	1,390	M	***MM DI WATER PIPE, PC ***MPA (500MM, 1.72MPA)
		********* (ASSY "A" @ STA. 118+50)	41	M	100MM DI WATER PIPE, PC 2.41MPA
Lump Sum	LS	STATIC LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA	114	M	150MM DI WATER PIPE, PC 2.41MPA
		(ASSY "B" @ STA. 134+80)	338	M	200MM DI WATER PIPE, PC 2.41MPA
Lump Sum	LS	STATIC LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA	4	M	300MM DI WATER PIPE, PC 2.41MPA
		******** (ASSY "C" @ STA. 142+80)	1,206	M	400MM DI WATER PIPE, PC ***MPA
1	EA	DISPOSAL OF SIGN SYSTEM, OVER- HEAD	115	M	(PC 1.72MPA) 100MM PVC WATER PIPE, SDR 21,
2	EA	DISPOSAL OF SIGN SYSTEM, STEEL	1,673.44	M	1.38MPA WP 200MM PVC WATER PIPE, SDR 21,
41	EA	BEAM DISPOSAL OF SIGN SYSTEM, U-	,		1.38MPA WP
50	EA	CHANNEL DISPOSAL OF SIGN SYSTEM, WOOD	13,852	KG	DUCTILE IRON WATER PIPE FIT- TINGS, 1.72MPA MIN WP
1	EA	GENERIC SIGNING ITEM	34	M	20MM PE WATER TUBING, SDR 9, ****MPA WP
90	M2	SIGN ERECTION, MESSENGER CABLE WORK ZONE SIGNS (STATIONARY)	3	EA	(1.38MPA WP) 20MM CORPORATION STOP
50 25	M2 M2	WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE	1	EA	***MM GATE VALVE & VALVE BOX,
		MOUNTED)			****MPA WP (100MM, 1.38MPA WP)
6 2	EA EA	FLASHING ARROW PANELS, TYPE C CHANGEABLE MESSAGE SIGNS	8	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
6 90	EA EA	WARNING FLAG SETS DRUMS	4	EA	200MM GATE VALVE & VALVE BOX, ****MPA WP
30	EA	CONES	5	EA	(1.38MPA WP) 300MM GATE VALVE & VALVE BOX,
60 2,880	M HR	BARRICADES (TYPE III) FLAGGER	,	LA	****MPA WP
8	EA	WARNING LIGHTS (TYPE B)	3	EA	(1.38MPA WP)  ***MM BUTTERFLY VALVE & VALVE
11 1	EA EA	TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS			BOX (400MM)
2	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (45 MPH)	4	EA	***MM BUTTERFLY VALVE & VALVE BOX
2	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)	1	EA	(500MM) *** X ***MM TAPPING SLEEVE,
900	M	PORTABLE CONCRETE BARRIER		2.1	VALVE & VALVE BOX, ****MPA WP (200MM X 200MM, 1.38MPA WP)
350	M	PORTABLE CONCRETE BARRIER (DRAINAGE)	2	EA	*** X ***MM TAPPING SADDLE
570	M	RESET PORTABLE CONCRETE BAR- RIER	1	EA	(200MM X 20MM) *** X ***MM TAPPING SADDLE
240	HR	POLICE	2	EA	(400MM X 20MM) ***MM AIR RELEASE VALVE & MAN-
700	EA	TEMPORARY RAISED PAVEMENT MARKERS			HOLE (50MM, WATER)
26,200	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	2	EA	50MM BLOW OFF ASSEMBLY
10,060	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	3 3	EA EA	RELOCATE EXISTING WATER METER REMOVE EXISTING WATER METER
41,000	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)	10 128	EA M	RELOCATE EXISTING FIRE HYDRANT ***MM PVC FORCE MAIN SEWER
7,500	M	THERMOPLASTIC PAVEMENT MARKING	120	.**	PIPE, ************************************
380	M	LINES (150MM, 3.1MM) THERMOPLASTIC PAVEMENT MARKING	813	M	***MM PVC FORCE MAIN SEWER
2,000	M	LINES (200MM, 2.3MM) THERMOPLASTIC PAVEMENT MARKING			PIPE, ************************************
		LINES (300MM, 2.3MM)	120	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA
60	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	2,609	KG	(400MM, PC 2.41MPA) DUCTILE IRON SEWER PIPE FIT-
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)			TINGS, 1.72MPA MIN WP
130	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	71	M	FILL OR REMOVE ABANDONED 300MM PIPE, ************************************
173,000	M	PAINT PAVEMENT MARKING LINES (100MM)	1,240	M	(DI WATER) FILL OR REMOVE ABANDONED 300MM
1,600	M	PAINT PAVEMENT MARKING LINES			PIPE, ************ (PVC FORCE MAIN SEWER)
140	M	(200MM) PAINT PAVEMENT MARKING LINES	2,744	M	FILL OR REMOVE ABANDONED 400MM PIPE, **********
		(600MM)			(DI WATER)

Page: 18 of 33

			4	EA	MAST ARM WITH METAL POLE DE-
			13	EA	SIGN SIGN FOR SIGNALS
6	EA	BREAK DOWN, PLUG, & FILL ABAN-	2	EA	SIGNAL CABINET FOUNDATION
O	EA	DONED UTILITY MANHOLE	2	EA	CABINET BASE ADAPTER
233	M	***MM STEEL ENCASEMENT PIPE,	2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
		****MM THICK, BY OPEN CUT (400MM, 6.35MM)	15	EA	DETECTOR CARD (TYPE 2070L)
33	M	***MM STEEL ENCASEMENT PIPE,			` ′
		****MM THICK, BY TRENCHLESS METHOD			
		(1050MM, 7.92MM)			CULVERT ITEMS
38	M	***MM STEEL ENCASEMENT PIPE,			
		****MM THICK, BY TRENCHLESS METHOD			
		(400MM, 6.35MM)	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION *********
2	EA	GENERIC UTILITY ITEM REMOVE EXISTING FIRE HYDRANT			(24+48.770 -Y11- REV.)
599	M	GENERIC UTILITY ITEM	Lump Sum	LS	CULVERT EXCAVATION, STA ******
		250MM HDPE WATER PIPE, DR9,	Lump Sum	LS	(134+01.500 -L2-) CULVERT EXCAVATION, STA ******
		1.38MPA WP, BY TRENCHLESS METHOD			(134+31.000 -L2-)
132	M	GENERIC UTILITY ITEM	Lump Sum	LS	CULVERT EXCAVATION, STA ****** (154+38.598 -L2-)
		500MM DI RESTRAINED JOINT WA- TER PIPE,	Lump Sum	LS	CULVERT EXCAVATION, STA *****
		PC 2.41MPA, BY TRENCHLESS			(24+48.770 -Y11- REV.)
225		METHOD	Lump Sum	LS	CULVERT EXCAVATION, STA ******
337	M	GENERIC UTILITY ITEM 500MM HDPE WATER PIPE, DR9,	Lump Sum	LS	(25+01.770 -Y11- REV.) CULVERT EXCAVATION, STA ******
		1.38MPA WP, BY TRENCHLESS			(4+93.000 -LOOP C-)
19,500	M	METHOD TEMPORARY SILT FENCE	Lump Sum	LS	CULVERT EXCAVATION, STA ****** (7+93.000 -RAMP C-)
1,660	MTN	STONE FOR EROSION CONTROL,	Lump Sum	LS	CULVERT EXCAVATION, STA *****
-,		CLASS A			(84 + 17.500 -L-)
25,720	MTN	STONE FOR EROSION CONTROL, CLASS B	Lump Sum	LS	CULVERT EXCAVATION, STA ****** (92 + 23.500 -L-)
16,815	MTN	SEDIMENT CONTROL STONE	1,198	MTN	FOUNDATION CONDITIONING MATER-
129.5	HA	TEMPORARY MULCHING			IAL, BOX CULVERT
7,375	KG	SEED FOR TEMPORARY SEEDING	1,549.3	M3	CLASS A CONCRETE (CULVERT)
59.25	MTN	FERTILIZER FOR TEMPORARY SEED- ING	148,312	KG	REINFORCING STEEL (CULVERT)
1,450	M	TEMPORARY SLOPE DRAINS			
107	EA	INLET PROTECTION AT TEMPORARY			CTDUCTUDE ITEMS
0.500		SLOPE DRAINS			STRUCTURE ITEMS
8,500 619,005	M M3	SAFETY FENCE SILT EXCAVATION			
325,010	M2	MATTING FOR EROSION CONTROL	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
3,500	M2	COIR FIBER MAT			AT STATION ************************************
850	M2	PERMANENT SOIL REINFORCEMENT MAT	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
4,270	M	6.4MM HARDWARE CLOTH			AT STATION ************************************
15	M	***MM TEMPORARY PIPE	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
20		(450MM)	•		** AT STATION ************************************
30	M	***MM TEMPORARY PIPE (600MM)	Lump Sum	LS	(1,148+08.446-L2-LT) FOUNDATION EXCAVATION FOR BENT
1,225	M3	STILLING BASINS	Dump Sum	20	** AT STATION ********
12	EA	SPECIAL STILLING BASINS	Lump Sum	LS	(1,148+08.446-L2-RT) FOUNDATION EXCAVATION FOR BENT
175.5 70.5	HA HA	SEEDING & MULCHING MOWING	Lump Sum	Lo	** AT STATION ********
1,525	KG	SEED FOR REPAIR SEEDING			(1,16+52.599 -Y4-)
5.25	MTN	FERTILIZER FOR REPAIR SEEDING	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
4,925	KG	SEED FOR SUPPLEMENTAL SEEDING			(1,65+51.880 -L-)
294 426	MTN M	FERTILIZER TOPDRESSING IMPERVIOUS DIKE	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION **********
103	HR	SPECIALIZED HAND MOWING			(1,97+46.378 -L-RT)
64	EA	RESPONSE FOR EROSION CONTROL	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
2,460	M3	CULVERT DIVERSION CHANNEL			** AT STATION ************************************
3 0.4	HA HA	REFORESTATION STREAMBANK RECORESTATION	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
44	EA	STREAMBANK REFORESTATION GENERIC EROSION CONTROL ITEM			** AT STATION ************************************
	LA	FAIRCLOTH SKIMMER	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
30	EA	GENERIC EROSION CONTROL ITEM	•		** AT STATION ************************************
405	M	RESPONSE FOR RESEARCH SIGNAL CABLE	6	M	(2,97+59.319 -L-LT) PILE EXCAVATION IN SOIL
11	EA	VEHICLE SIGNAL HEAD (300MM, 3	6	M	PILE EXCAVATION NOT IN SOIL
		SECTION)	138.8	M	1066MM DIA DRILLED PIERS IN
1	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)	78.6	M	SOIL 1220MM DIA DRILLED PIERS IN
513	M	TRENCHING (UNPAVED)	76.0	IVI	SOIL
213	M	DIRECTIONAL DRILL POLYETHYLENE	35	M	1066MM DIA DRILLED PIERS NOT
		CONDUIT, *****MM (** CONDUIT) (55MM, 1)	43.8	M	IN SOIL 1220MM DIA DRILLED PIERS NOT
18	EA	JUNCTION BOX (STANDARD SIZE)	43.0	IVI	IN SOIL
343	M	INDUCTIVE LOOP SAWCUT	10.9	M	PERMANENT STEEL CASING FOR
930	M	LEAD-IN CABLE	33	M	1066MM DRILLED PIER PERMANENT STEEL CASING FOR
2	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE	33	141	1220MM DRILLED PIER
2	EA	DOUBLE MAST ARM WITH METAL	5	EA	SID INSPECTION
4	EA	POLE SOIL TEST	9 5	EA	SPT TESTING  CROSSHOLE SONIC LOGGING
20	EA M	DRILLED PIER FOUNDATION (***MM	1,278	EA M	CROSSHOLE SONIC LOGGING CSL TUBES
-		DIA)	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA-
		(1066MM)			TION AT STATION ************************************
					(1.0 30.110 22 21)

Page: 19 of 33

		DEDUCED OF GOVERNMENT DESIGN OF A
11,774.8	M2	REINFORCED CONCRETE DECK SLAB
11,845.2	M2	GROOVING BRIDGE FLOORS
159.1	M3	CLASS AA CONCRETE (BRIDGE)
1,693.2	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(109+56.000-L2LT-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(110+37.000-L2RT-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(121+97.157-L2LT-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(122+14.832-L2RT-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	***********
		(14+72.000 -Y11-REV)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(148+08.446-L2-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(148+08.446-L2-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
Damp Jam	2.0	*******
		(16+52.599 -Y4-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(65+51.880 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		*******
		(78+35.547 -L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(78+35.547 -L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
•		******
		(97+46.378 -L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(97+59.319 -L-LT)
203,637	KG	REINFORCING STEEL (BRIDGE)
928	KG	EPOXY COATED REINFORCING STEEL
		(BRIDGE)
21,937	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
220.08	M	1143MM PRESTRESSED CONCRETE
220.00	141	GIRDERS
1,270.066	M	1372MM PRESTRESSED CONCRETE GIRDERS
275.26	M	MODIFIED 1600MM PRESTRESSED
387.296	M	CONC GIRDERS MODIFIED 1829MM PRESTRESSED
367.290	IVI	CONC GIRDERS
933,504	LS	APPROX KG STRUCTURAL STEEL
6,185	M	HP310X79 STEEL PILES
36	EA	STEEL PILE POINTS
1,809.444	M	CONCRETE BARRIER RAIL
6,588.2	M2	100MM SLOPE PROTECTION
3,215	MTN	PLAIN RIP RAP CLASS II (600MM
,		THICK)
3,224	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

Page: 20 of 33

L050517 009

#### STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C201466 34459.3.4 DIV OFFICE WILSON LENGTH = 17.243 KM

COUNTY : JOHNSTON, WAKE

WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.

MBE GOAL 8.0% WBE 7.0% COMPLETION DATE: JUN 15 2009

#### US-70 BYPASS (CLAYTON BYPASS) FROM I-40 TO US-70, WEST OF SR-1560.

		ROADWAY ITEMS	180.2 64,000	HR M3	PROOF ROLLING SELECT GRANULAR MATERIAL
			20,100	M2	FABRIC FOR SOIL STABILIZATION
Lump Sum	LS	MOBILIZATION	124	M2	TEMPORARY SHORING
Lump Sum	LS	CLEARING & GRUBBING HEC- TARE(S)	1,900	M2	GENERIC GRADING ITEM ROCK PLATTING
5.6	НА	IARE(S) SUPPLEMENTARY CLEARING & GRUB- BING	100	MTN	GENERIC GRADING ITEM DISPOSAL OF CONTAMINATED SOIL
25	EA	SEALING ABANDONED WELLS	11,955		SELECT MATERIAL, CLASS II
3,370,400	M3	UNCLASSIFIED EXCAVATION	4,470	MTN	SELECT MATERIAL, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	4,950 7,125	MTN MTN	SELECT MATERIAL, CLASS IV FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
Lump Sum	LS	REINFORCED BRIDGE APPROACH	408	M	375MM SIDE DRAIN PIPE
		FILL, STATION *********	60	M	450MM SIDE DRAIN PIPE
Luman Cum	1.0	(11+64.125 -Y2-)	7.2	M	600MM SIDE DRAIN PIPE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	6,011.6	M	375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CH VERTS CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********	3,510 3,770.4	M M	450MM RC PIPE CULVERTS, CLASS III 600MM RC PIPE CULVERTS, CLASS
Luman Cum	1.0	(121+97.067 -L2- LT)	3,770.1		III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	2,284.8	M	750MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH	1,155.6	M	900MM RC PIPE CULVERTS, CLASS III
I C	1.0	FILL, STATION ************************************	828	M	1050MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	339.6	M	1200MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********	326.4	M	1350MM RC PIPE CULVERTS, CLASS III
I C	1.0	(14+41.121 -Y4-)	242.4	M	1500MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	97.2	M	1650MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********	15.6	M	1800MM RC PIPE CULVERTS, CLASS III
Luman Cum	LS	(14+72.000 -Y11- REV)	223.2	M	****MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	120	M	IV (1050MM) ****MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********			IV (1200MM)
Lump Sum	LS	(22+59.308 -FLYLEREV-) REINFORCED BRIDGE APPROACH FILL, STATION ************************************	78	M	****MM RC PIPE CULVERTS, CLASS IV (1350MM)
		(23+92.415 -Y4- RT)	140.4	M	****MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********			IV (1500MM)
		(24+07.107 -Y4- LT)	57.6	M	****MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH			IV
		FILL, STATION ************************************	176.4	M	(450MM)  ****MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH	170.4	IVI	IV
		FILL, STATION ************************************			(600MM)
Lump Sum	LS	(40+95.009 -L- RT) REINFORCED BRIDGE APPROACH	68.4	M	****MM RC PIPE CULVERTS, CLASS IV
Dump bum	20	FILL, STATION *********			(750MM)
T 0		(78+40.150 -L- LT)	88.5	M	****MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********			IV (900MM)
		(78+40.150 -L- RT)	52.8	M	***MM CS PIPE CULVERTS, ****MM
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********			THICK (150MM, 1.63MM)
		(9+29.615 FLYOVER)	91.2	M	400MM CS PIPE CULVERTS, 1.63MM
Lump Sum	LS	REINFORCED BRIDGE APPROACH			THICK
		FILL, STATION ************************************	82.8	M	450MM CS PIPE CULVERTS, 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********	21.6	M	600MM CS PIPE CULVERTS, 1.63MM THICK
		(97+46.928 -L- RT)	712.8	M	****MM BIT COAT CS PIPE CUL-
86,609	M3 MTN	UNDERCUT EXCAVATION			VERTS, TYPE A ****MM THICK
2,500	MTN	CLASS IV SUBGRADE STABILIZA- TION	28.8	M	(400MM, 1.63MM) ****MM BIT COAT CS PIPE CUL-
4	EA	EMBANKMENT SETTLEMENT GAUGES	26.6	141	VERTS, TYPE A ****MM THICK
74,156	M3	DRAINAGE DITCH EXCAVATION			(450MM, 1.63MM)
4,645	M	BERM DITCH CONSTRUCTION	8.4	M	****MM BIT COAT CS PIPE CUL- VERTS, TYPE A ****MM THICK
73,070	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT			(600MM, 1.63MM)

			10,900	MTN	ASPHALT CONC SURFACE COURSE,
			,		TYPE SF9.5A
51.6	м	****MM DIT COAT CO DIDE CHI	35	MTN	ASPHALT CONC SURFACE COURSE, TYPE S4.75A
51.6	M	****MM BIT COAT CS PIPE CUL- VERTS, TYPE A ****MM THICK	102,255	MTN	ASPHALT CONC SURFACE COURSE, TYPE S12.5C
7.2	M	(800MM, 2.01MM) ****MM BIT COAT CS PIPE CUL-	12,485	MTN	ASPHALT BINDER FOR PLANT MIX,
		VERTS, TYPE A ****MM THICK (900MM, 2.01MM)	7,505	MTN	GRADE PG 64-22 ASPHALT BINDER FOR PLANT MIX,
63	EA	***MM BIT COAT CS PIPE ELBOWS,	1,197	MTN	GRADE PG 70-22 ASPHALT PLANT MIX PAVEMENT
		TYPE A ****MM THICK (400MM, 1.63MM)			REPAIR
3	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE A ****MM THICK	64,270 32,325	M M2	MILLED RUMBLE STRIPS  ***MM PORT CEM CONC PAVEMENT,
	<b>.</b>	(450MM, 1.63MM)	. ,		THROUGH LANES (WITH DOWELS) (360MM)
1	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE A ****MM THICK	1,150	M2	***MM PORT CEM CONC PAVEMENT,
1	EA	(600MM, 1.63MM) ***MM BIT COAT CS PIPE ELBOWS,			MISCELLANEOUS (WITHOUT DOWELS) (360MM)
		TYPE A ****MM THICK (900MM, 2.01MM)	400	M2	GENERIC PAVING ITEM MILL EXISTING RUMBLE STRIP IN
696	M	400MM BIT COAT CS PIPE CUL-		1.0	CONCRETE SHOULDER
249.6	M	VERTS, TYPE B 1.63MM THICK 450MM BIT COAT CS PIPE CUL-	Lump Sum	LS	SURFACE TESTING CONCRETE PAVE- MENT
	м	VERTS, TYPE B 1.63MM THICK	17,175	M2	CONCRETE SHOULDERS ADJACENT TO *****MM PAVEMENT (WITH
86.4	M	600MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK			DOWELS) (360MM)
34.8	M	800MM BIT COAT CS PIPE CUL- VERTS, TYPE B 2.01MM THICK	Lump Sum	LS	FIELD LABORATORY RENTAL, PORT
21.6	M	900MM BIT COAT CS PIPE CUL-	16,750	М3	CEM CONC PAVEMENT SUBDRAIN EXCAVATION
69.6	M	VERTS, TYPE B 2.01MM THICK 1000MM BIT COAT CS PIPE CUL-	8,185	M3	SUBDRAIN FINE AGGREGATE
10.8	M	VERTS, TYPE B 2.77MM THICK 1650MM BIT COAT CS PIPE CUL-	19,700 1,970	M EA	150MM PERFORATED SUBDRAIN PIPE 150MM SUBDRAIN PIPE WYES,
		VERTS, TYPE B 3.51MM THICK			TEES, & ELBOWS
1	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ****MM THICK	159	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
2	EA	(1000MM, 2.77MM) ***MM BIT COAT CS PIPE ELBOWS,	262	M	150MM OUTLET PIPE (SUBDRAINS)
2	LA	TYPE B ****MM THICK	19,740 19,740	M M	SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE
47	EA	(900MM, 2.01MM) 400MM BIT COAT CS PIPE ELBOWS,	1,455	M	100MM OUTLET PIPE (SHOULDER DRAINS)
20	EA	TYPE B 1.63MM THICK 450MM BIT COAT CS PIPE ELBOWS,	129	EA	CONCRETE PAD FOR SHOULDER
		TYPE B 1.63MM THICK	75	MTN	DRAIN PIPE OUTLET BLOTTING SAND
6	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	108.3	M3	ENDWALLS
52.8	M	****MM WELDED STEEL PIPE, ****MM THICK, GRADE B, INSTAL-	57.1 24.2	M3 M3	REINFORCED ENDWALLS PIPE COLLARS
		LED BY BORING & JACKING (1650MM, 22MM)	3	М3	PIPE PLUGS
54	M	****MM WELDED STEEL PIPE,	475 8	EA M3	MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES
		****MM THICK, GRADE B, INSTAL- LED BY BORING & JACKING	64.907	M	MASONRY DRAINAGE STRUCTURES
15.6	M	(375MM, 7MM) ****MM WELDED STEEL PIPE,	13	EA EA	FRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD
15.0	.*1	****MM THICK, GRADE B, INSTAL-	105	EA	840.16 FRAME WITH TWO GRATES, STD
		LED BY BORING & JACKING (450MM, 8MM)			840.20
51.6	M	****MM WELDED STEEL PIPE, ****MM THICK, GRADE B, INSTAL-	296	EA	FRAME WITH TWO GRATES, STD 840.22
		LED BY BORING & JACKING (600MM, 13MM)	8	EA	FRAME WITH TWO GRATES, STD 840.24
2,393.4	M	PIPE REMOVAL	12	EA	FRAME WITH TWO GRATES, STD
746 475	M2 M2	150MM SLOPE PROTECTION GENERIC GRADING ITEM	2	EA	840.29 FRAME WITH GRATE & HOOD, STD
		100MM MEDIAN SLOPE PROTECTION			840.03, TYPE ** (E)
Lump Sum 204,150	LS M2	FINE GRADING LIME TREATED SOIL (SLURRY	2	EA	FRAME WITH GRATE & HOOD, STD
1.815	MTN	METHOD) LIME FOR LIME TREATED SOIL			840.03, TYPE ** (F)
152.7	MTN	#57 STONE	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
2,500 402,000	MTN MTN	STABILIZER AGGREGATE AGGREGATE BASE COURSE	20	ГА	(G)
262,850	M2	***MM SOIL CEMENT BASE	28	EA EA	FRAME WITH COVER, STD 840.54 STEEL FRAME WITH TWO GRATES,
7,906	MTN	(180MM) PORTLAND CEMENT FOR SOIL CE-	2	EA	STD 840.37 CONCRETE APRON FOR DROP INLETS
765	MTN	MENT BASE	2	EA	***MM SLUICE GATE
317,512	MTN L	AGGREGATE FOR SOIL CEMENT BASE ASPHALT CURING SEAL	4	EA	(1050MM) ***MM SLUICE GATE
3,800	MTN	INCIDENTAL STONE BASE	2	E.	(1150MM)
150,200 174,000	M3 L	SHOULDER BORROW PRIME COAT	2	EA	***MM SLUICE GATE (1330MM)
405	M2	INCIDENTAL MILLING	3	EA	***MM SLUICE GATE (375MM)
17,010	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	8	EA	***MM SLUICE GATE
103,660	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	4	EA	(550MM) ***MM SLUICE GATE
6,980	MTN	ASPHALT CONC INTERMEDIATE	1	EA	(800MM) ***MM SLUICE GATE
120,515	MTN	COURSE, TYPE 119.0B ASPHALT CONC INTERMEDIATE			(900MM)
10,450	MTN	COURSE, TYPE 119.0C ASPHALT CONC SURFACE COURSE,	4	EA	***MM SLUICE GATE (970MM)
		TYPE S9.5B	805 4,570	M M	750MM CONCRETE CURB & GUTTER SHOULDER BERM GUTTER
29,995	MIN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	4,370	IVI	SHOULDER BERWI OUTTER

			Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA
350	M	***MM CONCRETE GUTTER	Lump Sum	LS	(ASSY "B" @ STA. 134+80) OVERHEAD SIGN ASSEMBLY AT STA ********
7 4,130	EA M	(200MM X 300MM) MODIFIED CONCRETE FLUME CONCRETE EXPRESSWAY GUTTER	Lump Sum	LS	(ASSY "C" @ STA. 142+80) OVERHEAD SIGN ASSEMBLY AT STA ********
190 640	M2 M2	150MM CONCRETE DRIVEWAY 100MM CONCRETE PAVED DITCH	Lump Sum	LS	(ASSY "D" @ STA. 150+80) OVERHEAD SIGN ASSEMBLY AT STA
103 855	M2 M2	75MM CONCRETE ISLAND COVERS 125MM MONOLITHIC CONCRETE IS- LANDS (SURFACE MOUNTED)	Lump Sum	LS	(ASSY A @ STA 16+80 -I1Y1-) OVERHEAD SIGN ASSEMBLY AT STA
50	M2	125MM MONOLITHIC CONCRETE IS- LANDS (KEYED IN)	Lump Sum	10	********** (ASSY B @ STA 35+00 -I1Y1-) OVERHEAD SIGN ASSEMBLY AT STA
605	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	Lump Sum	LS	*********** (ASSY C @ STA 17+81.185
6	EA EA	ADJUSTMENT OF DROP INLETS CONVERT EXISTING DROP INLET TO JUNCTION BOX	Lump Sum	LS	-FLYLWREV-) OVERHEAD SIGN ASSEMBLY AT STA ********
11	EA	IMPACT ATTENUATOR UNIT, TYPE 350	Lump Sum	LS	(ASSY D @ I-40/US-70 I-40 EBL) OVERHEAD SIGN ASSEMBLY AT STA
19,987.26 126.478	M M	STEEL BM GUARDRAIL STEEL BM GUARDRAIL, SHOP CURVED	Lump Sum	LS	(ASSY E @ I-40/US-70 I-40 EBL) OVERHEAD SIGN ASSEMBLY AT STA
22	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS		10	********** (ASSY F @ I-40/US-70 I-40 EBL)
40 6	EA EA	ADDITIONAL GUARDRAIL POSTS GUARDRAIL ANCHOR UNITS, TYPE AT-1	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ******** (ASSY G @ I-40/US-70 I-40 EBL)
65	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ********* (ASSY H @ I-40/US-70 US-70
72 125	EA EA	GUARDRAIL ANCHOR UNITS, TYPE III GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	EBL) OVERHEAD SIGN ASSEMBLY AT STA
19	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 GUARDRAIL ANCHOR UNITS, TYPE			************ (ASSY I @ I-40/US-70 US-70 EBL)
18	EA	M-350 GUARDRAIL ANCHOR UNITS, TYPE B-77	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA
125	M	REMOVE & STOCKPILE EXISTING GUARDRAIL	Lump Sum	LS	(ASSY J @ I-40/US-70 I-40 WBL) OVERHEAD SIGN ASSEMBLY AT STA ********
472.44 10,935	M M	TEMPORARY STEEL BM GUARDRAIL DOUBLE FACED CABLE GUIDERAIL	Lump Sum	LS	(ASSY K @ I-40/US-70 I-40 WBL) OVERHEAD SIGN ASSEMBLY AT STA
52 660	EA M	CABLE GUIDERAIL ANCHOR UNITS GENERIC GUARDRAIL ITEM			(ASSY L @ I-40/US-70 US-70
260	М	REMOVE & RESET EXISTING CABLE GUIDERAIL GENERIC GUARDRAIL ITEM	Lump Sum	LS	EBL) OVERHEAD SIGN ASSEMBLY AT STA ********
		REMOVE EXISTING CABLE GUIDE- RAIL	Lump Sum	LS	(ASSY M @ I-40/US-70 US-70 WBL) OVERHEAD SIGN ASSEMBLY AT STA
39,150 7,105	M EA	WOVEN WIRE FENCE, 1200MM FAB- RIC 100MM TIMBER FENCE POSTS,			********* (ASSY N @ I-40/US-70 US-70
		2.30M LONG	Lump Sum	LS	EBL) OVERHEAD SIGN ASSEMBLY AT STA
2,070	EA M	125MM TIMBER FENCE POSTS, 2.50M LONG CHAIN LINK FENCE, ****MM			*************(ASSY O @ I-40/US-70 US-70 WBL)
		FABRIC (1800MM)	32	EA	SIGN ERECTION, TYPE D
1,070	M	CHAIN LINK FENCE, 1200MM	206 68	EA EA	SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F
	г.	FABRIC	2	EA	SIGN ERECTION, TYPE *** (OVER-
3	EA	METAL LINE POSTS FOR ****MM CHAIN LINK FENCE (1800MM)	41	EA	HEAD) (A) SIGN ERECTION, TYPE ***
295 2	EA EA	METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE METAL TERMINAL POSTS FOR			(GROUND MOUNTED) (A)
		****MM CHAIN LINK FENCE (1800MM)	40	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
22	EA	METAL TERMINAL POSTS FOR 1200MM CHAIN LINK FENCE	40	EA	SIGN ERECTION, MILEMARKERS
1,150	M	ADDITIONAL BARBED WIRE	Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA
1,000	EA	GENERIC FENCING ITEM 100MM PLASTIC FENCE POSTS 2.30M LONG	Luma Sum	10	******* (ASSY "D" @ STA. 150+80)
3,845	MTN	PLAIN RIP RAP, CLASS I	Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA
		PLAIN RIP RAP, CLASS II			******* (ASSV A @ 16+90.00 11V1.)
		PLAIN RIP RAP, CLASS A	Lump Sum	LS	(ASSY A @ 16+80.00 - I1Y1-) LRS LIGHTING SYSTEM FOR OVER-
4,405		PLAIN RIP RAP, CLASS B BOULDERS	Early Suit	2.5	HEAD SIGN ASSEMBLY AT STA
31,010	M2	FILTER FABRIC FOR DRAINAGE			******* (ASSY C @ 17+81.185 -FLYLWREV)
47	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA
39 6	M3 M3	REINFORCED CONCRETE SIGN FOOT- INGS PLAIN CONCRETE SIGN FOOTINGS	Lump Sum	LS	******* (ASSY D @ I-40/US-70 EBL) LRS LIGHTING SYSTEM FOR OVER-
16,480	KG	SUPPORTS, BREAKAWAY STEEL BEAM	Early Sum		HEAD SIGN ASSEMBLY AT STA
5,159	KG	SUPPORTS, SIMPLE STEEL BEAM			******* (ASSY E @ I-40/US-70 EBL)
2,050	M EA	SUPPORTS, 4.5KG STEEL U-CHANNEL SUPPORTS, 3KG STEEL U-CHANNEL	Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA
Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA			******* (ASSY F @ I-40/US-70 I-40 EBL)
•		**************************************			(

(ASSY "A" @ STA. 118+50)

			7,872	M	RESET PORTABLE CONCRETE BARRIER
			440	HR	POLICE
Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER-	Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM
		HEAD SIGN ASSEMBLY AT STA	3,944	M	SMART WORK ZONE SYSTEM GENERIC TRAFFIC CONTROL ITEM
Lump Sum	LS	(ASSY G @ 1-40/US-70 1-40 EBL) LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA	1	EA	DEPT FURNISHED MOVABLE CONCRETE BARRIER GENERIC TRAFFIC CONTROL ITEM ADDITIONAL PORTABLE SMART WORK
Lump Sum	LS	******** (ASSY H @ I-40/US-70 US-70EBL) LRS LIGHTING SYSTEM FOR OVER-	1	EA	ADDITIONAL FORTABLE SMART WORK ZONE VIDEO CAMERAS GENERIC TRAFFIC CONTROL ITEM ADDITIONAL SMART WORK ZONE
		HEAD SIGN ASSEMBLY AT STA ******* (ASSY I @ I-40/US-70 US-70EBL)	1	EA	CHANGEABLE MESSAGE SIGN GENERIC TRAFFIC CONTROL ITEM
Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA	2	EA	ADDITIONAL SMART WORK ZONE SENSOR GENERIC TRAFFIC CONTROL ITEM
Lump Sum	LS	(ASSY J @ I-40/US-70 I-40 WBL) LRS LIGHTING SYSTEM FOR OVER-			TRANSFER AND TRANSPORT VEHICLE FOR MOVABLE CONCRETE BARRIER
Damp Sum	25	HEAD SIGN ASSEMBLY AT STA *******	1,859	EA	TEMPORARY RAISED PAVEMENT MARKERS
		(ASSY K @ I-40/US-70 I-40 WBL)	36,732	M	THERMOPLASTIC PAVEMENT MARKING
Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA *******	17,663	M	LINES (100MM, 2.3MM) THERMOPLASTIC PAVEMENT MARKING
I C	1.0	(ASSY L @ I-40/US-70 US-70EBL)	69,594	M	LINES (100MM, 3.1MM) THERMOPLASTIC PAVEMENT MARKING
Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA *******	10,876	M	LINES (150MM, 2.3MM) THERMOPLASTIC PAVEMENT MARKING
		(ASSY M @ I-40/US-70 US-70WBL)	495	M	LINES (150MM, 3.1MM) THERMOPLASTIC PAVEMENT MARKING
Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVER- HEAD SIGN ASSEMBLY AT STA	3,816	M	LINES (200MM, 2.3MM) THERMOPLASTIC PAVEMENT MARKING
		******* (ASSY O @ I-40/US-70 US-70WBL)	208		LINES (300MM, 2.3MM)
Lump Sum	LS	STATIC LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA		M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
		******** (ASSY "A" @ STA. 118+50)	36	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
Lump Sum	LS	STATIC LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA	182	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
		******** (ASSY "B" @ STA. 134+80)	20,102	M	EPOXY PAVEMENT MARKING LINES (150MM)
Lump Sum	LS	STATIC LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *******	1,054	M	EPOXY PAVEMENT MARKING LINES (300MM)
		(ASSY "C" @ STA. 142+80)	20 231,946	EA M	EPOXY PAVEMENT MARKING SYMBOL PAINT PAVEMENT MARKING LINES
Lump Sum	LS	STATIC LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA	129,250	M	(100MM) PAINT PAVEMENT MARKING LINES
		******** (ASSY B @ 35+00 -11Y1-)			(150MM)
Lump Sum	LS	STATIC LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *******	1,624 524	M M	PAINT PAVEMENT MARKING LINES (200MM) PAINT PAVEMENT MARKING LINES
4	EA	(ASSY N @ I-40/US-70 US-70EBL) RELOCATE SIGN, TYPE *****	112	EA	(600MM) PAINT PAVEMENT MARKING CHARAC-
2	EA	(A) RELOCATE SIGN, TYPE *****	294	EA	TER PAINT PAVEMENT MARKING SYMBOL
1	EA	(D) RELOCATE SIGN, TYPE *****	2,700	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
3	EA	(E) DISPOSAL OF SUPPORT, STEEL	35,676	M	REMOVAL OF PAVEMENT MARKING LINES (150MM)
1	EA	DISPOSAL OF SUPPORT, WOOD	3,344	EA	PERMANENT RAISED PAVEMENT MARKERS
11	EA	DISPOSAL OF SIGN SYSTEM, OVER-	516	EA	SNOWPLOWABLE PAVEMENT MARKERS
14	EA	HEAD DISPOSAL OF SIGN SYSTEM, STEEL	27 218	EA EA	2.1M U-CHANNEL POSTS FLEXIBLE DELINEATORS (CRYSTAL)
••	2.1	BEAM	138	EA	FLEXIBLE DELINEATORS (YELLOW)
63	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	45	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)
51	EA	DISPOSAL OF SIGN SYSTEM, WOOD	45	EA	FLEXIBLE DELINEATORS (YELLOW &
3 2	EA EA	DISPOSAL OF SUPPORT, U-CHANNEL DISPOSAL OF SIGN, A OR B	27	EA	RED) OBJECT MARKERS (END OF ROAD)
	EA	(OVERHEAD) GENERIC SIGNING ITEM		MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ********
1	EA	SIGN ERECTION, MESSENGER CABLE			(VI)
187	M2	WORK ZONE SIGNS (STATIONARY)	1,167	MTN	BEDDING MATERIAL, UTILITIES CLASS ********
102	M2 M2	WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE			(VI)
36	IVI2	MOUNTED)	80	MTN	PAVEMENT REPAIR FOR UTILITY
8	EA	FLASHING ARROW PANELS, TYPE C	1,390	M	WORK ***MM DI WATER PIPE, PC ***MPA
6	EA	CHANGEABLE MESSAGE SIGNS	1,570		(500MM, 1.72MPA)
6 590	EA EA	WARNING FLAG SETS DRUMS	41	M	100MM DI WATER PIPE, PC 2.41MPA
130	EA	CONES	133	M	150MM DI WATER PIPE, PC
178	M	BARRICADES (TYPE III)			2.41MPA
3,960	HR	FLAGGER	419	M	200MM DI WATER PIPE, PC 2.41MPA
8 15	EA EA	WARNING LIGHTS (TYPE B) TEMPORARY CRASH CUSHIONS	127	M	300MM DI WATER PIPE, PC
7	EA	RESET TEMPORARY CRASH CUSHIONS			2.41MPA
2	EA	TRUCK MOUNTED IMPACT ATTENUA-	1,692	M	400MM DI WATER PIPE, PC ***MPA (PC 1.72MPA)
6	EA	TOR (45 MPH) TRUCK MOUNTED IMPACT ATTENUA-	115	M	100MM PVC WATER PIPE, SDR 21, 1.38MPA WP
7,066	M	TOR (60 MPH) PORTABLE CONCRETE BARRIER	1,787.44	M	200MM PVC WATER PIPE, SDR 21,
2,405	M	PORTABLE CONCRETE BARRIER (DRAINAGE)			1.38MPA WP

Page: 24 of 33

			33	M	***MM STEEL ENCASEMENT PIPE, ****MM THICK, BY TRENCHLESS METHOD
268	M	300MM PVC WATER PIPE, SDR 21,	38	M	(1050MM, 7.92MM) ***MM STEEL ENCASEMENT PIPE,
15,154	KG	1.38MPA WP DUCTILE IRON WATER PIPE FIT-	36	IVI	****MM THICK, BY TRENCHLESS METHOD
34	M	TINGS, 1.72MPA MIN WP 20MM PE WATER TUBING, SDR 9, ****MPA WP	3	EA	(400MM, 6.35MM) GENERIC UTILITY ITEM REMOVE EXISTING FIRE HYDRANT
3	EA	(1.38MPA WP) 20MM CORPORATION STOP	599	M	GENERIC UTILITY ITEM 250MM HDPE WATER PIPE, DR9,
1	EA	***MM GATE VALVE & VALVE BOX,			1.38MPA WP, BY TRENCHLESS METHOD
0	г.	****MPA WP (100MM, 1.38MPA WP)	132	M	GENERIC UTILITY ITEM
8	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP			500MM DI RESTRAINED JOINT WA- TER PIPE, PC 2.41MPA, BY TRENCHLESS
4	EA	200MM GATE VALVE & VALVE BOX, ****MPA WP	337	M	METHOD GENERIC UTILITY ITEM
5	EA	(1.38MPA WP) 300MM GATE VALVE & VALVE BOX,	337	IVI	500MM HDPE WATER PIPE, DR9, 1.38MPA WP, BY TRENCHLESS
		****MPA WP (1.38MPA WP)	34,230	M	METHOD TEMPORARY SILT FENCE
3	EA	***MM BUTTERFLY VALVE & VALVE BOX		MTN	STONE FOR EROSION CONTROL,
4	EA	(400MM) ***MM BUTTERFLY VALVE & VALVE	40,955	MTN	CLASS A STONE FOR EROSION CONTROL,
		BOX (500MM)	25,415	MTN	CLASS B SEDIMENT CONTROL STONE
1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP	248 12,925	HA KG	TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING
1	EA	(200MM X 200MM, 1.38MPA WP) *** X ***MM TAPPING SLEEVE,	104	MTN	FERTILIZER FOR TEMPORARY SEED-ING
		VALVE & VALVE BOX, ****MPA WP (400MM X 150MM, 1.38MPA WP)	2,160 160	M EA	TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY
2	EA	*** X ***MM TAPPING SADDLE (200MM X 20MM)	21,545	M	SLOPE DRAINS SAFETY FENCE
1	EA	*** X ***MM TAPPING SADDLE (400MM X 20MM)	1,044,925	M3	SILT EXCAVATION
1	EA	***MM AIR RELEASE VALVE & MAN- HOLE	575,410 4,950	M2 M2	MATTING FOR EROSION CONTROL COIR FIBER MAT
3	EA	(50MM, SEWER) ***MM AIR RELEASE VALVE & MAN-	935	M2	PERMANENT SOIL REINFORCEMENT MAT
		HOLE (50MM, WATER)	6,370 15	M M	6.4MM HARDWARE CLOTH ***MM TEMPORARY PIPE
2 3	EA EA	50MM BLOW OFF ASSEMBLY RELOCATE EXISTING WATER METER	30	M	(450MM) ***MM TEMPORARY PIPE
3	EA	REMOVE EXISTING WATER METER			(600MM)
13 385	EA M	RELOCATE EXISTING FIRE HYDRANT ***MM PVC FORCE MAIN SEWER	1,360 20	M3 EA	STILLING BASINS SPECIAL STILLING BASINS
		PIPE, ************************************	307.5 136.5	HA HA	SEEDING & MULCHING MOWING
128	M	***MM PVC FORCE MAIN SEWER PIPE, **********	2,975 10.25	KG MTN	SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING
813	M	(300MM, SDR 21, 1.38MPA WP) ***MM PVC FORCE MAIN SEWER	8,650	KG	SEED FOR SUPPLEMENTAL SEEDING
		PIPE, ************************************	546	MTN M	FERTILIZER TOPDRESSING IMPERVIOUS DIKE
20	M	250MM DI SEWER PIPE, PC 2.41MPA	192 120	HR EA	SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL
40	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA	3,114 7.5	M3 HA	CULVERT DIVERSION CHANNEL REFORESTATION
103	M	(150MM, 2.41MPA) ***MM DI FORCE MAIN SEWER PIPE	0.53	HA	STREAMBANK REFORESTATION
		PC ****MPA (200MM, PC 2.41MPA)	60	EA	GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER
120	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA	60	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR RESEARCH
2,832	KG	(400MM, PC 2.41MPA) DUCTILE IRON SEWER PIPE FIT-	1,015 30	M EA	SIGNAL CABLE VEHICLE SIGNAL HEAD (300MM, 3
2	EA	TINGS, 1.72MPA MIN WP 1200MM DIA PRECAST CONC SEWER	6	EA	SECTION) VEHICLE SIGNAL HEAD (300MM, 5
5	M	MANHOLE 0-1.8M DEPTH PRECAST CONC MANHOLE WALL,	746	M	SECTION) MESSENGER CABLE (6.35MM)
		****MM DIA, OVER 1.8M HT (1200MM)	225 105	M M	MESSENGER CABLE (9.52MM) TRACER WIRE
477	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***********	1,326 363	M M	TRENCHING (UNPAVED) DIRECTIONAL DRILL POLYETHYLENE
71	M	(200MM, PVC FORCE MAIN SEWER) FILL OR REMOVE ABANDONED 300MM			CONDUIT, *****MM (** CONDUIT) (50MM, 1)
		PIPE, ************************************	213	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, *****MM (** CONDUIT)
1,240	М	FILL OR REMOVE ABANDONED 300MM PIPE, ***********	47	EA	(55MM, 1) JUNCTION BOX (STANDARD SIZE)
345	M	(PVC FORCE MAIN SEWER) FILL OR REMOVE ABANDONED 300MM	6	EA EA	JUNCTION BOX (OVER-SIZED) WOOD POLE
		PIPE, ************************************	10	EA	GUY ASSEMBLY
3,212	M	FILL OR REMOVE ABANDONED 400MM PIPE, ************************************	3 4	EA EA	25MM RISER WITH WEATHERHEAD 50MM RISER WITH WEATHERHEAD
10	EA	(DI WATER) BREAK DOWN, PLUG, & FILL ABAN-	3	EA	50MM RISER WITH HEAT SHRINK TUBING
233	M	DONED UTILITY MANHOLE  ***MM STEEL ENCASEMENT PIPE,	1,077 2,845	M M	INDUCTIVE LOOP SAWCUT LEAD-IN CABLE
		****MM THICK, BY OPEN CUT (400MM, 6.35MM)	3	EA	MICROWAVE VEHICLE DETECTOR
185	M	***MM STEEL ENCASEMENT PIPE, ****MM THICK, BY OPEN CUT	958	M	COMMUNICATIONS CABLE (**FIBER) (12)
		(600MM, 6.35MM)	3	EA	INTERCONNECT CENTER

Page: 25 of 33

			Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
6	EA	DELINEATOR MARKER	Lump Sum	LS	(1,16+52.599 -Y4-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
5	EA EA	FURNISH FIBER-OPTIC TRANSCEIV- ER SIGNAL SUPPORT MAST ARM WITH	Lump Sum	LS	(1,19+25.877 -I1Y1-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
5	EA	METAL POLE DOUBLE MAST ARM WITH METAL POLE	Lump Sum	LS	(1,27+51.601-I1Y1-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
10 50	EA M	SOIL TEST DRILLED PIER FOUNDATION (***MM DIA)	Lump Sum	LS	(1,27+61.028 -L-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
10	EA	(1066MM) MAST ARM WITH METAL POLE DE- SIGN	Lump Sum	LS	(1,28+31.359-I1Y1-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
25	EA	SIGN FOR SIGNALS	Lump Sum	LS	(1,65+51.880 -L-) FOUNDATION EXCAVATION FOR BENT
5	EA EA	SIGNAL CABINET FOUNDATION CABINET BASE ADAPTER	Dunip Sum	25	** AT STATION ********
5	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	Lump Sum	LS	(1,97+46.378 -L-RT) FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
40	EA EA	DETECTOR CARD (TYPE 2070L) GENERIC SIGNAL ITEM FIBER OPTIC TRANSCEIVER SELF	Lump Sum	LS	(1,97+59.319 -L-LT) FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
65	M	HEALING RING GENERIC SIGNAL ITEM UNDERGROUND POLY CONDUIT, 50MM	Lump Sum	LS	(2,19+25.877 -I1Y1-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
		(1 CONDUIT)	Lump Sum	LS	(2,27+51.601-I1Y1-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
		CULVERT ITEMS	Lump Sum	LS	(2,28+31.359-I1Y1-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION **********	Lump Sum	LS	(2,97+46.378 -L-RT) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************
Lump Sum	LS	(24+48.770 -Y11- REV.) CULVERT EXCAVATION, STA ***** (134+01.500 -L2-)	Lump Sum	LS	(2,97+59.319 -L-LT) FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
Lump Sum	LS LS	CULVERT EXCAVATION, STA ****** (134+31.000 -L2-) CULVERT EXCAVATION, STA *****	Lump Sum	LS	(3,27+51.601-I1Y1-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
Lump Sum		(154+38.598 -L2-)	Lump Sum	LS	(3,28+31.359-I1Y1-) FOUNDATION EXCAVATION FOR BENT
Lump Sum	LS LS	CULVERT EXCAVATION, STA ****** (24+48.770 -Y11- REV.) CULVERT EXCAVATION, STA *****	•		** AT STATION ************************************
Lump Sum	LS	(25+01.770 -Y11- REV.) CULVERT EXCAVATION, STA ******	6	M M	PILE EXCAVATION IN SOIL PILE EXCAVATION NOT IN SOIL
•		(37+11.500 -L-)	476	M	1066MM DIA DRILLED PIERS IN SOIL
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (4+93.000 -LOOP C-)	78.6	M	1220MM DIA DRILLED PIERS IN SOIL
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (57 + 17.000 -L-)	83.5	M	1066MM DIA DRILLED PIERS NOT
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (7+93.000 -RAMP C-)	43.8	M	IN SOIL 1220MM DIA DRILLED PIERS NOT
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (84 + 17.500 -L-)	68.4	M	IN SOIL PERMANENT STEEL CASING FOR
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (92 + 23.500 -L-)	33	M	1066MM DRILLED PIER PERMANENT STEEL CASING FOR
1,687	MTN	FOUNDATION CONDITIONING MATER-	11	EA	1220MM DRILLED PIER SID INSPECTION
2,215.5	М3	IAL, BOX CULVERT CLASS A CONCRETE (CULVERT)	27	EA	SPT TESTING
202,970	KG	REINFORCING STEEL (CULVERT)	11	EA	CROSSHOLE SONIC LOGGING
70	MTN	PLAIN RIP RAP CLASS B	2,924 Lump Sum	M LS	CSL TUBES UNCLASSIFIED STRUCTURE EXCAVA-
					TION AT STATION ************************************
		STRUCTURE ITEMS	32,252.2 30,911.8	M2 M2	REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS
			159.1	M3	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA	5,034.2 Lump Sum	M3 LS	CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	(40+80.000 -L-) REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum	LS	(109+56.000-L2LT-) BRIDGE APPROACH SLABS, STATION ***********
Lump Sum	LS	(14+72.000 -Y11-REV) REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum	LS	(110+37.000-L2RT-) BRIDGE APPROACH SLABS, STATION ***********
Lump Sum	LS	(148+08.446-L2-LT) REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum	LS	(121+97.157-L2LT-) BRIDGE APPROACH SLABS, STATION **********
Lump Sum	LS	(19+25.877 -11Y1-) FOUNDATION EXCAVATION FOR END BENT ** AT STATION ************************************	Lump Sum	LS	(122+14.832-L2RT-) BRIDGE APPROACH SLABS, STATION ***********
Lump Sum	LS	(2,19+25.877 -I1Y1-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************	Lump Sum	LS	(14+38.000-LREV-LT) BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	(1, 52+34.693 -L-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************	Lump Sum	LS	(14+38.000-LREV-RT) BRIDGE APPROACH SLABS, STATION *************
Lump Sum	LS	(1,148+08.446-L2-LT) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************	Lump Sum	LS	(14+72.000 -Y11-REV) BRIDGE APPROACH SLABS, STATION ************
		(1,148+08.446-L2-RT)			(148+08.446-L2-LT)

Page: 26 of 33

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	(148+08.446-L2-RT) BRIDGE APPROACH SLABS, STATION *************
Lump Sum	LS	(16+52.599 -Y4-) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(19+25.877 -I1Y1-) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(27+51.601-I1Y1-) BRIDGE APPROACH SLABS, STATION **************
Lump Sum	LS	(27+61.028 -L-) BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	(28+31.359-I1Y1-) BRIDGE APPROACH SLABS, STATION ************
Lump Sum	LS	(40+80.000 -L-) BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	(40+96.000 -L-) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(52+34.693 -L-) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(65+51.880 -L-) BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	(78+35.547 -L-LT) BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	(78+35.547 -L-RT) BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	(97+46.378 -L-RT) BRIDGE APPROACH SLABS, STATION ************************************
526,531	KG	(97+59.319 -L-LT) REINFORCING STEEL (BRIDGE)
1,226	KG	EPOXY COATED REINFORCING STEEL (BRIDGE)
45,269	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
220.08	M	1143MM PRESTRESSED CONCRETE GIRDERS
3,665.366	M	1372MM PRESTRESSED CONCRETE GIRDERS
1,729.212	M	MODIFIED 1600MM PRESTRESSED CONC GIRDERS
387.296	M	MODIFIED 1829MM PRESTRESSED CONC GIRDERS
2,815,464	LS	APPROX KG STRUCTURAL STEEL
14,586.9	M	HP310X79 STEEL PILES
1,499	M	HP360X108 STEEL PILES
36	EA	STEEL PILE POINTS
Lump Sum	LS	GALVANIZING STEEL PILES AT STA
Lump Jum	20	*******
		(40+80.000 -L-)
Lump Sum	LS	GALVANIZING STEEL PILES AT STA
		(40+96.000 -L-)
5,054.03	M	CONCRETE BARRIER RAIL
8,363.2	M2	100MM SLOPE PROTECTION
1,120	MTN	PLAIN RIP RAP, CLASS ** (1)
5,030	MTN	PLAIN RIP RAP CLASS II (600MM THICK)
6,219	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	MODULAR EXPANSION JOINT SEALS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM, STA
Lump Sum	LS	(40+80.000 -L-) STRUCTURE DRAINAGE SYSTEM, STA
Lump Sum	LS	(19+25.877 -I1Y1-) STRUCTURE DRAINAGE SYSTEM, STA ***********
Lump Sum	LS	(28+31.359-11Y1-) STRUCTURE DRAINAGE SYSTEM, STA ************
		(40+80.000 -L-)

Page: 27 of 33

L050517 010

#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

DIV OFFICE ALBEMARLE **CONTRACT ID: C201324** 33240.3.1 LENGTH = 0.163 MI

COUNTY : STANLY

GRADING, DRAINAGE, PAVING & STRUCTURE.

#### DBE GOAL 9.0% COMPLETION DATE: DEC 01 2005

1.5 TON FERTILIZER TOPDRESSING

THICK)

Lump Sum LS ELASTOMERIC BEARINGS

736 SY

FILTER FABRIC FOR DRAINAGE

1.5 HR SPECIALIZED HAND MOWING 8 EA RESPONSE FOR EROSION CONTROL

#### BRIDGE OVER LONG CREEK AND APPROACHES ON SR-1214.

#### ROADWAY ITEMS

62 TON ASPHALT BINDER FOR PLANT MIX,

5 EA MASONRY DRAINAGE STRUCTURES

EA ADDITIONAL GUARDRAIL POSTS GUARDRAIL ANCHOR UNITS, TYPE

GUARDRAIL ANCHOR UNITS, TYPE

WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (BARRICADE

PAINT PAVEMENT MARKING LINES

SEED FOR TEMPORARY SEEDING

INLET PROTECTION AT TEMPORARY

TEMPORARY SILT FENCE

0.25 TON FERTILIZER FOR TEMPORARY SEED-LF TEMPORARY SLOPE DRAINS

950 SY MATTING FOR EROSION CONTROL 100 LF 1/4" HARDWARE CLOTH 2 ACR SEEDING & MULCHING

SLOPE DRAINS

SAFETY FENCE 1,655 CY SILT EXCAVATION

50 LB SEED FOR REPAIR SEEDING 0.25 TON FERTILIZER FOR REPAIR SEEDING 50 LB SEED FOR SUPPLEMENTAL SEEDING

75 TON STONE FOR EROSION CONTROL, CLASS A 220 TON STONE FOR EROSION CONTROL, CLASS B 95 TON SEDIMENT CONTROL STONE 1.5 ACR TEMPORARY MULCHING

5 EA FRAME WITH TWO GRATES, STD

GRADE PG 64-22

840 29 450 LF SHOULDER BERM GUTTER 425 LF STEEL BM GUARDRAIL

350 105 TON PLAIN RIP RAP, CLASS I 260 TON PLAIN RIP RAP, CLASS B 1,100 SY FILTER FABRIC FOR DRAINAGE

MOUNTED) 4 EA WARNING FLAG SETS 112 LF BARRICADES (TYPE III)

5

4 EA

490 SF

148 SF

6,880 LF LF

760

50 LB

150

4 EA

300 LF

1 ACR MOWING

Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	REINFORCED BRIDGE APPROACH			STRUCTURE ITEMS
		FILL, STATION ************************************			STREETERE
1	A CD	(16+85.00)			
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
200	CY	UNDERCUT EXCAVATION			REMOVAL OF TEMP ACCESS AT STA
Lump Sum	LS	GRADING			**************************************
7,600	CY	BORROW EXCAVATION	Lump Sum	LS	(16+85.00 -L-) REMOVAL OF EXISTING STRUCTURE
900	CY	DRAINAGE DITCH EXCAVATION	Lump Sum	LS	AT STATION ********
100	CY	SELECT GRANULAR MATERIAL			(16+85.00 -L-)
100	SY	FABRIC FOR SOIL STABILIZATION	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA-
25	TON	FOUNDATION CONDITIONING MATE-			TION AT STATION ******
		RIAL, MINOR STRS			(16+85.00 -L-)
152	LF	15" RC PIPE CULVERTS, CLASS	76.9	CY	CLASS A CONCRETE (BRIDGE)
		III	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
56	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			(16+85.00 -L-)
24	LF	18" BIT COAT CS PIPE CULVERTS,	8.736	LB	REINFORCING STEEL (BRIDGE)
24	LI	TYPE B 0.064" THICK	536.67	LF	TYPE III PRESRESSED CONCRETE
4	EA	15" BIT COAT CS PIPE ELBOWS,			DECK GIRDER
		TYPE B 0.064" THICK	4,200	LS	APPROX LBS STRUCTURAL
2	EA	18" BIT COAT CS PIPE ELBOWS, T			STEEL
		YPE B 0.064" THICK	270	LF	HP12X53 STEEL PILES
500	TON	ASPHALT CONC BASE COURSE, TYPE	9	EA	STEEL PILE POINTS
200	mo. 1	B25.0B	199.67	LF	ONE BAR METAL RAIL
300	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	214.67	LF	1'-**"X *****" CONCRETE PARA-
400	TON	ASPHALT CONC SURFACE COURSE,			PET (1'-0" X 2'-1")
700	1014	TYPE SF9.5A	662	TON	PLAIN RIP RAP CLASS II (2'-0"
(2	TON	ACDITAL T DINIDED FOR DI ANTI MIN	002	1011	THICK)

Page: 28 of 33

L050517 011

#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C200891 33253.3.1 DIV OFFICE NORTH WILKESBORO LENGTH = 0.327 MI

COUNTY : WILKES

GRADING, DRAINAGE, PAVING & STRUCTURE.

#### DBE GOAL 9.0% COMPLETION DATE: DEC 31 2006

#### BRIDGE OVER MULBERRY CREEK & APPROACHES ON NC-268.

		ROADWAY ITEMS	2	EA	TEMPORARY CRASH CUSHIONS
		ROADWATTIEMS	245	LF	PORTABLE CONCRETE BARRIER
			222	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
Lump Sum	LS	MOBILIZATION  CONSTRUCTION SURVEYING	22	EA	TEMPORARY RAISED PAVEMENT
Lump Sum Lump Sum	LS LS	CONSTRUCTION SURVEYING REINFORCED BRIDGE APPROACH			MARKERS
Lump Sum	Lo	FILL, STATION *********	6,900	LF	EPOXY PAVEMENT MARKING LINES (4")
1	ACR	(17+05.5 -L-) SUPPLEMENTARY CLEARING & GRUB-	13,800	LF	PAINT PAVEMENT MARKING LINES
		BING	400	LF	(4") REMOVAL OF PAVEMENT MARKING
500 Lump Sum	CY	UNDERCUT EXCAVATION GRADING	100		LINES (4")
1,000	LS TON	CLASS IV SUBGRADE STABILIZA-	2	EA	PERMANENT RAISED PAVEMENT MARKERS
12 200	CV.	TION	19	EA	SNOWPLOWABLE PAVEMENT MARKERS
12,300 10	CY CY	BORROW EXCAVATION DRAINAGE DITCH EXCAVATION	12	TON	FOUNDATION CONDITIONING MATE-
1,000	CY	SELECT GRANULAR MATERIAL			RIAL, UTILITIES CLASS ******* (VI)
1,000	SY	FABRIC FOR SOIL STABILIZATION	12	TON	BEDDING MATERIAL, UTILITIES
230	SF	TEMPORARY SHORING			CLASS ********
29	TON	FOUNDATION CONDITIONING MATE-	229	LE	(IV)
140	LF	RIAL, MINOR STRS 15" RC PIPE CULVERTS, CLASS	238	LF	6" PVC WATER PIPE, SDR ****** (SDR 21, 200# WP)
140	Li	III	300	LB	DUCTILE IRON WATER PIPE FIT-
120	LF	24" RC PIPE CULVERTS, CLASS III	2	EA	TINGS, 250# MIN WP 6" GATE VALVE & VALVE BOX,
8	LF	18" BIT COAT CS PIPE CULVERTS,			200# WP
		TYPE B 0.064" THICK	416	LF	GENERIC UTILITY ITEM 8" HDPE WATER PIPE, SDR 9, 200
2	EA	18" BIT COAT CS PIPE ELBOWS, T YPE B 0.064" THICK			# WP
110	LF	PIPE REMOVAL			BY DIRECTIONAL BORE
75	TON	INCIDENTAL STONE BASE	2,190	LF	TEMPORARY SILT FENCE
1,550	TON	ASPHALT CONC BASE COURSE, TYPE	75	TON	STONE FOR EROSION CONTROL, CLASS A
1,220	TON	B25.0B ASPHALT CONC INTERMEDIATE	380	TON	STONE FOR EROSION CONTROL,
1,220	1011	COURSE, TYPE 119.0B	160	TON	CLASS B
880	TON	ASPHALT CONC SURFACE COURSE,	160 5	TON ACR	SEDIMENT CONTROL STONE TEMPORARY MULCHING
182	TON	TYPE S9.5B ASPHALT BINDER FOR PLANT MIX,	200	LB	SEED FOR TEMPORARY SEEDING
		GRADE PG 64-22	0.75	TON	FERTILIZER FOR TEMPORARY SEED-
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	240	LF	ING TEMPORARY SLOPE DRAINS
10	EA	RIGHT OF WAY MARKERS	5	EA	INLET PROTECTION AT TEMPORARY
230	CY	SUBDRAIN EXCAVATION			SLOPE DRAINS
170	CY	SUBDRAIN FINE AGGREGATE	800 900	LF CY	SAFETY FENCE SILT EXCAVATION
1,000	LF	6" PERFORATED SUBDRAIN PIPE	700	SY	MATTING FOR EROSION CONTROL
30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	20	LF	1/4" HARDWARE CLOTH
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE	5.5	ACR	SEEDING & MULCHING
		OUTLET	3	ACR	MOWING
12	LF	6" OUTLET PIPE (SUBDRAINS) MASONRY DRAINAGE STRUCTURES	50	LB	SEED FOR REPAIR SEEDING
4 1.64	EA LF	MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES	0.25 125	TON LB	FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING
3	EA	FRAME WITH TWO GRATES, STD	4.25	TON	FERTILIZER TOPDRESSING
		840.24	1.5	HR	SPECIALIZED HAND MOWING
1	EA	FRAME WITH TWO GRATES, STD 840.29	8	EA	RESPONSE FOR EROSION CONTROL
10	LF	SHOULDER BERM GUTTER	0.25	ACR	REFORESTATION
362.5	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III			STRUCTURE ITEMS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE			
2	EA	350 GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
2	EA	*********** TEMPORARY			REMOVAL OF TEMP ACCESS AT STA ************************************
2.5	morr	(W-BEAM)			(17+05.50-L-)
25 200	TON SY	PLAIN RIP RAP, CLASS B FILTER FABRIC FOR DRAINAGE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION *********
200	EA	PREFORMED SCOUR HOLES WITH			(17+05.50-L-)
		LEVEL SPREADER APRON	196	LF	3'-6" DIA DRILLED PIERS IN SO
84	SF	WORK ZONE SIGNS (STATIONARY)	(0	I E	IL 2' 6" DIA DDII I ED BIERS NOT IN
96	SF	WORK ZONE SIGNS (PORTABLE)	60	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	37	LF	PERMANENT STEEL CASING FOR
60	EA	DRUMS	4	EA	3'-6" DIA DRILLED PIER
60	EA	CONES	4	EA EA	SID INSPECTION SPT TESTING
40	LF	BARRICADES (TYPE III)	2	EA	CROSSHOLE SONIC LOGGING
320	HR	FLAGGER	1,064	LF	CSL TUBES

Page: 29 of 33

5,510	SF	REINFORCED CONCRETE DECK SLAB
6,067	SF	GROOVING BRIDGE FLOORS
96.7	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		(17+05.50-L-)
35,818	LB	REINFORCING STEEL (BRIDGE)
6,201	LB	SPIRAL COLUMN REINFORCING
		STEEL (BRIDGE)
728.333	LF	45" PRESTRESSED CONCRETE GIR-
		DERS
480	LF	HP12X53 STEEL PILES
295.833	LF	CONCRETE BARRIER RAIL
355	TON	PLAIN RIP RAP CLASS II (2'-0"
		THICK)
395	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

Page: 30 of 33

L050517 012

#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C201199 32751.3.2 DIV OFFICE NORTH WILKESBORO LENGTH = 0.298 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING, & STRUCTURE.

6,300 LF POLYUREA PAVEMENT MARKING LINES (4") 1,650 LF TEMPORARY SILT FENCE 75 TON STONE FOR EROSION CONTROL, CLASS A

#### DBE GOAL 8.0% COMPLETION DATE: SEE SPECIAL PROVISIONS

#### BRIDGE OVER SOUTH FORK NEW RIVER & APPROACHES ON SR-1179.

		ROADWAY ITEMS	450	TON	STONE FOR EROSION CONTROL, CLASS B
			510	TON	SEDIMENT CONTROL STONE
Lump Sum	LS	MOBILIZATION	5.5	ACR	TEMPORARY MULCHING
43,500	CY	UNCLASSIFIED EXCAVATION	200	LB	SEED FOR TEMPORARY SEEDING
Lump Sum	LS	REINFORCED BRIDGE APPROACH	0.75	TON	FERTILIZER FOR TEMPORARY SEED- ING
		FILL, STATION ************************************	120	LF	TEMPORARY SLOPE DRAINS
1	ACR	(19+05.00) SUPPLEMENTARY CLEARING & GRUB-	3	EA	INLET PROTECTION AT TEMPORARY
1	ACK	BING			SLOPE DRAINS
300	CY	UNDERCUT EXCAVATION	400	LF	SAFETY FENCE
Lump Sum	LS	GRADING	1,515	CY	SILT EXCAVATION
45	CY	DRAINAGE DITCH EXCAVATION	1,800 40	SY LF	MATTING FOR EROSION CONTROL
200	SY	FABRIC FOR SOIL STABILIZATION	16	EA	1/4" HARDWARE CLOTH SPECIAL STILLING BASINS
50	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	7	ACR	SEEDING & MULCHING
24	LF	15" SIDE DRAIN PIPE	3	ACR	MOWING
136	LF	18" RC PIPE CULVERTS, CLASS	50	LB	SEED FOR REPAIR SEEDING
		III	0.25	TON	FERTILIZER FOR REPAIR SEEDING
116	LF	42" RC PIPE CULVERTS, CLASS III	125	LB	SEED FOR SUPPLEMENTAL SEEDING
28	LF	6" CS PIPE CULVERTS, 0.064"	5.25	TON	FERTILIZER TOPDRESSING
20	Li	THICK (SPRING BOX)	1.5	HR	SPECIALIZED HAND MOWING
96	LF	18" CS PIPE CULVERTS, 0.064"	8	EA	RESPONSE FOR EROSION CONTROL
		THICK			
68	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
2	EA	15" BIT COAT CS PIPE ELBOWS,			STRUCTURE ITEMS
		TYPE B 0.064" THICK			
55	LF	PIPE REMOVAL	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
2,000	TON	AGGREGATE BASE COURSE			REMOVAL OF TEMP ACCESS AT STA
100	TON TON	INCIDENTAL STONE BASE ASPHALT CONC SURFACE COURSE,			**************************************
450	TON	TYPE SF9.5A	Lump Sum	LS	(19 + 05.00 -L-) REMOVAL OF EXISTING STRUCTURE
30	TON	ASPHALT BINDER FOR PLANT MIX,	Eurip Sum	LU	AT STATION ********
		GRADE PG 64-22			(19 + 05.00 -L-)
24	EA	RIGHT OF WAY MARKERS	70.67	LF	3'-6" DIA DRILLED PIERS IN SO
112 84	CY CY	SUBDRAIN EXCAVATION SUBDRAIN FINE AGGREGATE	88	LF	3'-6" DIA DRILLED PIERS NOT IN
500	LF	6" PERFORATED SUBDRAIN PIPE	00		SOIL
15	EA	6" SUBDRAIN PIPE WYES, TEES, &	14.09	LF	PERMANENT STEEL CASING FOR
		ELBOWS	4	EA	3'-6" DIA DRILLED PIER CROSSHOLE SONIC LOGGING
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	714.67	LF	CSL TUBES
6	LF	6" OUTLET PIPE (SUBDRAINS)	10,624	SF	REINFORCED CONCRETE DECK SLAB
4.5	CY	ENDWALLS	9,195	SF	GROOVING BRIDGE FLOORS
3	EA	MASONRY DRAINAGE STRUCTURES	96.3	CY	CLASS A CONCRETE (BRIDGE)
2	EA	FRAME WITH TWO GRATES, STD	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		840.29			**************************************
40 350	LF LF	SHOULDER BERM GUTTER	24,579	LB	REINFORCING STEEL (BRIDGE)
100	LF	STEEL BM GUARDRAIL STEEL BM GUARDRAIL, SHOP	5,368	LB	SPIRAL COLUMN REINFORCING
		CURVED			STEEL (BRIDGE)
5	EA	ADDITIONAL GUARDRAIL POSTS	238,000	LS	APPROX LBS STRUCTURAL STEEL
2	EA	GUARDRAIL ANCHOR UNITS, TYPE	210	LF	HP12X53 STEEL PILES
4	EA	AT-1 GUARDRAIL ANCHOR UNITS, TYPE	14	EA	STEEL PILE POINTS
-	Lit	III	779.77	LF	CONCRETE BARRIER RAIL
2	EA	GUARDRAIL ANCHOR UNITS, TYPE	415	TON	PLAIN RIP RAP CLASS II (2'-0"
210	LE	350	465	SY	THICK) FILTER FABRIC FOR DRAINAGE
310	LF	** STRAND BARBED WIRE FENCE WITH POSTS	Lump Sum	LS	ELASTOMERIC BEARINGS
		(4)	Lump Sum	LS	EVAZOTE JOINT SEALS
150	TON	PLAIN RIP RAP, CLASS I	500		CONTRACT TIME
6	TON	PLAIN RIP RAP, CLASS II			
1 225	TON	PLAIN RIP RAP, CLASS B			
1,235 428	SY SF	FILTER FABRIC FOR DRAINAGE WORK ZONE SIGNS (STATIONARY)			
32	SF	WORK ZONE SIGNS (STATIONART) WORK ZONE SIGNS (PORTABLE)			
94	SF	WORK ZONE SIGNS (FORTABLE) WORK ZONE SIGNS (BARRICADE			
		MOUNTED)			
4	EA	WARNING FLAG SETS			
96 6.300	LF LF	BARRICADES (TYPE III) POLYUREA PAVEMENT MARKING			
0.500	LP	EVILLUSEA PA VEIVIEN LIVIAKKINU			

Page: 31 of 33

L050517 013

#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C201258 33249.3.1 DIV OFFICE NORTH WILKESBORO LENGTH = 0.071 MI

**COUNTY** : WATAUGA

GRADING, DRAINAGE, PAVING & STRUCTURE.

#### DBE GOAL 5.0% COMPLETION DATE: DEC 31 2006

#### BRIDGE OVER LAUREL FORK CREEK & APPROACHES ON SR-1111.

			2	EA	DDEEODMED COOLD HOLES WITH
		ROADWAY ITEMS	2	EA SF	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON WORK ZONE SIGNS (STATIONARY)
			96	SF	WORK ZONE SIGNS (BORTABLE)
Lump Sum	LS	MOBILIZATION	32	SF	WORK ZONE SIGNS (BARRICADE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********			MOUNTED)
		(16+99.00 -L-)	30	EA	DRUMS
Lump Sum	LS	GRADING	15	EA	CONES
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	48 2,400	LF HR	BARRICADES (TYPE III) FLAGGER
500	CY	UNDERCUT EXCAVATION	2,400	EA	TEMPORARY CRASH CUSHIONS
600	TON	CLASS IV SUBGRADE STABILIZA-	2	EA	TRUCK MOUNTED IMPACT ATTENUA-
		TION			TOR (45 MPH)
500	CY	SELECT GRANULAR MATERIAL	300	LF	PORTABLE CONCRETE BARRIER
500	SY	FABRIC FOR SOIL STABILIZATION	38	EA	TEMPORARY RAISED PAVEMENT MARKERS
480	SY	GENERIC GRADING ITEM ROCK-PLATED EMBANKMENT	8,700	LF	PAINT PAVEMENT MARKING LINES
24	TON	FOUNDATION CONDITIONING MATE-	.,		(4")
		RIAL, MINOR STRS	40	LF	PAINT PAVEMENT MARKING LINES
92	LF	15" RC PIPE CULVERTS, CLASS	58	EA	(24") DED MANIENT DAISED DAVEMENT
105	LF	III **" CS PIPE CULVERTS, *****"	38	EA	PERMANENT RAISED PAVEMENT MARKERS
103	LI.	THICK	580	LF	TEMPORARY SILT FENCE
		(96", 0.109")	75	TON	STONE FOR EROSION CONTROL,
24	LF	15" CS PIPE CULVERTS, 0.064"			CLASS A
105	LF	THICK PIPE REMOVAL	110	TON	STONE FOR EROSION CONTROL, CLASS B
103	EA	PIPE CLEAN-OUT	235	TON	SEDIMENT CONTROL STONE
115	TON	AGGREGATE BASE COURSE	0.5	ACR	TEMPORARY MULCHING
50	TON	INCIDENTAL STONE BASE	50	LB	SEED FOR TEMPORARY SEEDING
100	SY	INCIDENTAL MILLING	0.25	TON	FERTILIZER FOR TEMPORARY SEED-
205	TON	ASPHALT CONC BASE COURSE, TYPE	40	LE	ING
140	TON	B25.0B	40	LF EA	TEMPORARY SLOPE DRAINS
140	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	1	LA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
18	TON	ASPHALT BINDER FOR PLANT MIX,	500	LF	SAFETY FENCE
		GRADE PG 64-22	170	CY	SILT EXCAVATION
30	TON	ASPHALT PLANT MIX, PAVEMENT	435	SY	MATTING FOR EROSION CONTROL
12	EA	REPAIR RIGHT OF WAY MARKERS	80	LF	1/4" HARDWARE CLOTH
67.2	CY	SUBDRAIN EXCAVATION	8	EA	SPECIAL STILLING BASINS
50.4	CY	SUBDRAIN FINE AGGREGATE	0.5 0.5	ACR ACR	SEEDING & MULCHING MOWING
300	LF	6" PERFORATED SUBDRAIN PIPE	50	LB	SEED FOR REPAIR SEEDING
9	EA	6" SUBDRAIN PIPE WYES, TEES, &	0.25	TON	FERTILIZER FOR REPAIR SEEDING
1	EA	ELBOWS  CONCRETE DAD FOR SUIDDRAIN DIDE	50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	0.5	TON	FERTILIZER TOPDRESSING
6	LF	6" OUTLET PIPE (SUBDRAINS)	1.5	HR	SPECIALIZED HAND MOWING
1,235	SF	SANDBAG HEADWALL	8	EA	RESPONSE FOR EROSION CONTROL
4	EA	MASONRY DRAINAGE STRUCTURES	0.28	ACR	REFORESTATION
1	EA	FRAME WITH TWO GRATES, STD 840.24			
3	EA	FRAME WITH TWO GRATES, STD			
,	Lit	840.29			STRUCTURE ITEMS
135	CY	SELECT GRANULAR MATERIAL FOR			
0.50		TEMPORARY FABRIC WALL	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
950	SY	FABRIC FOR TEMPORARY FABRIC WALL	Lump Sum	LO	REMOVAL OF TEMP ACCESS AT STA
60	LF	SHOULDER BERM GUTTER			********
105	LF	CONCRETE EXPRESSWAY GUTTER	Lump Sum	1.0	(16+99.00-L-) REMOVAL OF EXISTING STRUCTURE
20	SY	4" CONCRETE PAVED DITCH	Lump Sum	LS	AT STATION ********
75	LF	STEEL BM GUARDRAIL			(16+99.00-L-)
25	LF	STEEL BM GUARDRAIL, SHOP	12	LF	3'-6" DIA DRILLED PIERS IN SO
5	EA	CURVED ADDITIONAL GUARDRAIL POSTS	22	LE	IL
2	EA	GUARDRAIL ANCHOR UNITS, TYPE	32	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
_		********	1	EA	SID INSPECTION
		(TYPE III, SHOP CURVED)	1	EA	SPT TESTING
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	2	EA	CROSSHOLE SONIC LOGGING
1	EA	GUARDRAIL ANCHOR UNITS, TYPE	216	LF	CSL TUBES
		III	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION *******
2	EA	GUARDRAIL ANCHOR UNITS, TYPE			(16+99.00-L-)
2.50		350	61.9	CY	CLASS A CONCRETE (BRIDGE)
250 4	LF EA	TEMPORARY STEEL BM GUARDRAIL GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
4	ĿА	350 TEMPORARY			**************************************
26	TON	PLAIN RIP RAP, CLASS B	13,475	LB	REINFORCING STEEL (BRIDGE)
1,080	SY	FILTER FABRIC FOR DRAINAGE	,		` '

Page: 32 of 33

1,478 LB SPIRAL COLUMN REINFORCING STEEL (BRIDGE)

140 LF HP12X53 STEEL PILES

214.21 LF CONCRETE BARRIER RAIL

149 TON PLAIN RIP RAP CLASS II (2'-0" THICK)

167 SY FILTER FABRIC FOR DRAINAGE

Lump Sum LS ELASTOMERIC BEARINGS

963.94 LF 3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

Page: 33 of 33

L050517 014

#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C201223 33280.3.2 DIV OFFICE SHELBY LENGTH = 0.134 MI

**COUNTY** : **CLEVELAND** 

GRADING, DRAINAGE, PAVING & STRUCTURE.

8 EA SPECIAL STILLING BASINS 1.5 ACR SEEDING & MULCHING

#### DBE GOAL 8.0% COMPLETION DATE: SEE SPECIAL PROVISIONS

#### BRIDGE OVER BUFFALO CREEK AND APPROACHES ON SR-1906.

				. CD	MONTHIC
		ROADWAY ITEMS	1 50	ACR LB	MOWING SEED FOR REPAIR SEEDING
			0.25	TON	FERTILIZER FOR REPAIR SEEDING
Lump Sum	LS	MOBILIZATION	50	LB	SEED FOR SUPPLEMENTAL SEEDING
Lump Sum	LS	CONSTRUCTION SURVEYING	1	TON	FERTILIZER TOPDRESSING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	1.5	HR EA	SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			STRUCTURE ITEMS
150	CY	UNDERCUT EXCAVATION			
20 64	CY LF	DRAINAGE DITCH EXCAVATION 15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
6	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			**************************************
50	TON	INCIDENTAL STONE BASE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION *********
470	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			(14+65.00 -L-)
212	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	70.58	LF	**'_**" DIA DRILLED PIERS IN SOIL (4'-6")
34	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	13	LF	**'-**" DIA DRILLED PIERS NOT IN SOIL
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	62.18	LF	(4'-6") PERMANENT STEEL CASING FOR
3	EA	MASONRY DRAINAGE STRUCTURES	<del></del>		**'-**" DIA DRILLED PIER
3	EA	FRAME WITH TWO GRATES, STD 840.29	1	E.	(4'-6")
280	LF	SHOULDER BERM GUTTER	1	EA EA	SID INSPECTION CROSSHOLE SONIC LOGGING
325	LF	STEEL BM GUARDRAIL	354.33	LF	CSL TUBES
5	EA	ADDITIONAL GUARDRAIL POSTS	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA-
4	EA	GUARDRAIL ANCHOR UNITS, TYPE			TION AT STATION ******** (14+65.00 -L-)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	4,622	SF	REINFORCED CONCRETE DECK SLAB
6	TON	PLAIN RIP RAP, CLASS I	4,848 70.9	SF CY	GROOVING BRIDGE FLOORS CLASS A CONCRETE (BRIDGE)
119	TON	PLAIN RIP RAP, CLASS B	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
804	SY	FILTER FABRIC FOR DRAINAGE			******
424	SF	WORK ZONE SIGNS (STATIONARY)	16.600	T.D.	(14+65.00 -L-)
144	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	16,609 2,904	LB LB	REINFORCING STEEL (BRIDGE) SPIRAL COLUMN REINFORCING
104	LF	BARRICADES (TYPE III)	2,704	LD	STEEL (BRIDGE)
5,640	LF	PAINT PAVEMENT MARKING LINES (4")	585.67	LF	54" PRESTRESSED CONCRETE GIR- DERS
10	TON	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ********	400 295.83	LF LF	HP12X53 STEEL PILES CONCRETE BARRIER RAIL
10	TON	(IV) BEDDING MATERIAL, UTILITIES CLASS ***********************************	307	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
		(IV)	341	SY	FILTER FABRIC FOR DRAINAGE
93.5	LF	6" PVC WATER PIPE, SDR ******* (SDR 21, 200# WP)	Lump Sum Lump Sum	LS LS	ELASTOMERIC BEARINGS EVAZOTE JOINT SEALS
200	LB	DUCTILE IRON WATER PIPE FIT- TINGS, 250# MIN WP			
2	EA	6" GATE VALVE & VALVE BOX, 200# WP			
591	LF	GENERIC UTILITY ITEM 8" HDPE WATER PIPE, SDR 9, 200# WP BY DIRECTIONAL BORE			
550	LF	TEMPORARY SILT FENCE			
75		STONE FOR EROSION CONTROL, CLASS A			
170	TON	STONE FOR EROSION CONTROL, CLASS B			
	TON ACR	SEDIMENT CONTROL STONE TEMPORARY MULCHING			
50	LB	SEED FOR TEMPORARY SEEDING			
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING			
50	LF	TEMPORARY SLOPE DRAINS			
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
250	LF	SAFETY FENCE			
365	CY	SILT EXCAVATION			
850	SY	MATTING FOR EROSION CONTROL			
60 8	LF EA	1/4" HARDWARE CLOTH SPECIAL STILLING BASINS			